NYC 9/11 Public Portal Document

Date: January 2, 2002

Visual Assessment, Bulk Sampling & Air Monitoring Report:

Gateway Plaza Project: 395 South End Avenue Building #600

Prepared For:

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

Prepared By:

ALC Environmental Incorporated
115 West 30th Street, 11th Floor
New York, New York 10001

ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC-WTC_000121516

NYC 9/11 Public Portal Document

Table of Contents

1. **Introduction**

2. **Executive Summary**

3. **Definitions**

4. **Scope of Work**

   4.1. Bulk Sampling Procedures
   4.2. Air Sampling Procedures
   4.3. Asbestos Analysis and Methodology

5. **Findings and Conclusions**

6. **Limitations and Exclusions**

7. **Report**

   7.1. Laboratory Results
   7.12 Initial Bulk Sampling and Air Results
   7.13 Bulk Sampling Results
   7.14 Air Sample Clearance Results

8. **Certifications**

   8.1. Company License
   8.2. Personnel Certifications
   8.3. Laboratory Certifications

Appendix A: Letter to Tenants for Re-Occupation
Appendix B: Letter to Tenants in Apartment where Final Air Clearance Was Performed

NYC-WTC_000121517

NYC 9/11 Public Portal Document

1.0 Introduction

January 2, 2002

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

Subject: **Gateway Plaza Building #600**

Gentlemen:

ALC Environmental Incorporated (ALC) has been contracted by to perform visual assessments, bulk sampling, and air sampling to identify any asbestos contaminant at the above referenced building. ALC performed sampling according to the EPA Guidelines for asbestos bulk sampling and air sampling. The inspections were conducted in this building on September 20, October 3, 22, 23,23, & November 20, December 11, 12,13,14, 15, 16, &17 2001.

ALC worked under the guidance provided by the EPA guidelines for asbestos-"*Asbestos in Buildings: Simplify Sampling Scheme for Friable Surfacing Materials*." and the direction of the Department of Environmental Protection (DEP) to perform the bulk sample collection and analysis. Additionally, ALC provided on site Third Party Air Monitoring and Project Management, which included performing area air sampling on each floor of the building, supervising the clean-up activities in specific apartments where minimal asbestos was found-even though further analysis at a second laboratory showed the results to be below the permissible limits-, performing quality assurance inspections and monitoring the work practices of the Asbestos Abatement Contractor. Air Sampling was conducted in accordance with Federal State and Local regulations including New York City Department of Environmental Protection (NYC-DEP) Title 15, Chapter 1, Asbestos Control Program Subchapter D, "Air and Bulk Sampling, Monitoring and Analysis: and New York State Department of Labor Industrial Code Rule 56 (NYS-DOL ICR56) Section 56-17 "Air Sampling, Monitoring and Analysis."

ALC is licensed to perform asbestos activities by the State of New York Department of Labor (License # 00-0358). ALC employs only certified asbestos personnel to perform required tasks. The following personnel were used to perform asbestos air monitoring and/or asbestos inspections.

Project Manager Inspector/Project Monitor: Americo Rodriguez Jr. (License #AH 89-07160)
Inspector: Alvin R. Blake (License #AH 00-08397)
Project Monitor: Yakhov Benyaguya (License #AH 95-21191)
Sampling Technician: Alvin B. Blake (License #AH 01-03528)
Shane Schoffner (License #AH 315404)

ATC Associates 104 East 25th Street New York, New York analyzed all samples. Further analysis was performed by SciLab 117 East 30th Street New York, New York.

If you have any questions or comments please do not hesitate to contact us directly at 212-279-1001.

Sincerely,

Joshua Sarett
ALC Environmental Incorporated

NYC 9/11 Public Portal Document

2.0 Executive Summary

ALC Environmental Incorporated (ALC) has been retained to perform bulk sampling, visual assessments & air monitoring according to the *EPA Protocol* to determine the presence of asbestos at the above referenced project. Every apartment in the building was assessed by our inspectors for dust and debris. Any area where visible dust and debris was found, ALC's inspectors took a sample, which was then sent to a third party independent laboratory for analysis. In most cases there was insufficient debris to sample and a visual assessment only was performed.

However, certified asbestos abatement contractors hired independently by the owner, were used to clean the specific apartment found to be in question. Upon satisfactory cleaning and following a visual inspection by ALC samples were collected and analyzed via Transmission Electron Microscopy (TEM) sampling. **All air samples were found to be below the permissible limits.**

ALC then collected TEM samples on every floor in the building. The air sampling and analysis was done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

The air samples were collected by licensed sampling technicians Alvin B. Blake, license (#AH 01-03528) and Shane Schoffner License (#AH 315404) Yakhya Benyaguyev license (#AH 95-21191) under the supervision of Americo Rodriguez Jr., a licensed project monitor (AH# 89-07160). The visual assessment and bulk samples were collected by, A.R. Blake a NY State Asbestos Inspector (AH#00-08397) and Americo Rodriguez, a NY State Asbestos Inspector (AH#89-07160).

ATC Associates (ELAP #10879) analyzed the samples using the Transmission Electron Microscopy (TEM) Methodology. **The results indicated that the living areas achieved the acceptance criteria below 70 structures per mm2 set by the above regulations**.

3.0 Definitions

Air Sampling: Process of measuring the fiber content of a known volume of air collected during a specific period. The procedure utilized for asbestos follows the NIOSH Standard Analytical Method 7400, or the provisional transmission electron microscopy methods developed by the US EPA which are utilized for lower detection levels and specific fiber identification.

Asbestos: Any hydrated mineral silicate separable into commercially usable fibers, including but not limited to chrysotile (serpentine), amosite (cumingtonite-grunerite), crocidolite (riebeckite), tremolite, anthophyllite and actinolite.

Asbestos-Containing Material (ACM): Asbestos or any material containing more than one-percent asbestos.

NYC 9/11 Public Portal Document

Clearance Air Monitoring: Employment of aggressive sampling techniques with a volume of air collected to determine the airborne concentration of residual fibers and shall be performed as the final abatement activity.

ELAP: Environmental Laboratory Approval Program administered by the New York State Department of Health.

EPA or USEPA: United States Environmental Protection Agency.

Homogeneous Work Area: Portion of the Work Area that contains one type of ACM and/or where one type of abatement is used.

Phase Contrast Microscopy: "PCM" shall mean the measurement protocol for the assessment for the fiber content of air. For **PCM** analysis, the clearance air monitoring shall be considered satisfactory when every sample is less than or equal to 0.01 f/cc or the background concentrations, whichever is greater.

Polarized Light Microscopy: "PLM"shall mean the measurement protocol for the assessment for the asbestos content of bulk materials. For **PLM** analysis, the New York City and EPA Regulatory limit is 1.0%.

Transmission Electron Microscopy: "TEM"shall mean the measurement protocol for the assessment for the asbestos fiber content of air. For **TEM** analysis, the clearance air monitoring shall be considered satisfactory when the requirements stated in 40 CFR Part 763, Subpart E, Appendix A, Section IV are met. For the purposes of our testing the regulatory limit is 70 asbestos structures per mm2.

4.0 Scope of Work

4.1 Bulk Sampling Procedures

ALC's licensed technicians worked under the guidance provided by the EPA guidelines for asbestos-"*Asbestos in Buildings: Simplify Sampling Scheme for Friable Surfacing Materials*." This sampling procedure uses random sampling to ensure that the samples are representative of the sampling area. ALC's inspectors:

1. Identified all friable surfacing materials and grouped them into homogenous sampling areas by floor
2. Prepared diagrams of each sampling area
3. Determine the number of samples to collect (9 samples per homogenous areas are recommended) Determine sampling locations
4. Collect samples
5. Fill out chain of custody
6. Send samples to a qualified laboratory

Due to the insufficient amount of dust and debris in the apartment units and public areas of the building, we were unable to collect the optimum number of samples suggested in the above referenced guidelines.

Upon completion of the initial assessment and bulk sample collection, ALC determined that there were elevated asbestos levels in *one apartment*. With the guidance of the above referenced document and NYCDEP we went back to each floor and assessed each apartment on each floor for visible dust and debris.

If any dust and/or debris were found in the apartment we collected a bulk sample and sent it to the laboratory for analysis.

NYC 9/11 Public Portal Document

If no sample could be taken due to insufficient material present at the time we were in the apartment, the inspector documented this on the log.

4.2 Air Sampling Procedures

ALC's licensed technicians collected air samples using TEM Methodology. The technician collected five (5) air samples on each floor. The samples were taken in three (3) apartments and at two (2) separate areas in the hallways on each floor. The technician identified the locations that appeared to contain the most visible dust and debris to perform sampling.

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 on 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.

4.3. 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.

NYC 9/11 Public Portal Document

5. Findings and Conclusions

Thirty (30) initial background air samples were collected and analyzed at building 600. Thirty (30) samples were analyzed via phase contrast microscopy (PCM) and seventeen (17) were analyzed via Transmission Electron Microscopy (TEM). Ten (10) bulk samples were collected and analyzed via Polarized Light Microscopy (PLM) and via Transmission Electron Microscopy (TEM). **All were below the permissible limits.**

Based on EPA Guidelines, we collected one hundred fifty-three (153) bulk samples and analyzed them via Polarized Light Microscopy (PLM) Methodology. Upon the laboratories recommendation one hundred and fourteen (114) samples were analyzed via Transmission Electron Microscopy (TEM) to confirm the findings. Twelve (12) samples collected from eleven (11) apartments were found to be slightly above the regulatory limits of 1%. However, certified asbestos abatement contractors hired independently by the owner, were used to clean those specific apartments found to be in question and the areas were cleared by ALC via TEM sampling. **All air samples were found to be well below the permissible limits and the tenants where this cleaning took place have been notified of the clearance.**

Two hundred seventy one (271) air samples were collected and analyzed via TEM Methodology. The results indicated that the living areas achieved the acceptance criteria below <70 structures per mm2 set by the above regulations.

6. 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.

NYC 9/11 Public Portal Document

7. Report

NYC 9/11 Public Portal Document

7.12 Initial Bulk Sampling and Air Results

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.

104 East 25th Street
New York, New York 10010
www.atc-enviro.com
212.353.8280
Fax 212.353.8306

September 27, 2001

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

Re: Report of TEM Analysis

Dear Mr. ,

Following are the results of transmission electron microscopy (TEM) analysis of three PCM air samples from our Group No. 5570:

Client: Mid-State
Project Name: 395 Southend Avenue
Location: Hallways
Samples received in TEM Lab: 09/27/01

These results will confirm and document the data transmitted to you today. The analyses were performed in strict conformance with the methodology of the NIOSH method 7402, Issue 2, August 15, 1994.

Forty grid openings from each of the samples were examined at relatively low magnifications (approximately 1,000X and 10,000X) for structures greater than 5um in length and widths between 0.25um and 3um, and having a length-to-width ratio greater than 3:1. These structures would be large enough to be observed by PCM analysis. Non-asbestos structures were detected in the samples in the following proportions:

sample number	gypsum	cellulose	F/CC as Asbestos
02	91.9%	8.1%	0.0 ✓
03	72.7%	27.3%	0.0 ✓
05	100.0%	0.0%	0.0 ✓

As a consequence, no sample exceeds 0.01 F/CC as asbestos.

The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy. These analyses were performed by ATC d/b/a ATC Associates Inc. This report may be reproduced only in its entirety and not without prior permission of this laboratory.

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.

104 East 25th Street
New York, New York 10010
www.atc enviro.com
212.353.8280
Fax 212.353.8306

We are pleased to note that our TEM lab has received full accreditation from NVLAP and also approval under the NY State DOH ELAP program, as is currently required for recognized analysis of TEM air samples for AHERA projects.

Please contact me regarding any questions relating to these materials.

Very truly yours,

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

NYC-WTC_000121526

1 of 1

5570

3PM

Asbestos Air Sampling Data Form

59577-59579

ALC ENVIRONMENTAL INCORPORATED

Client: Mid-State - Plaza 600 Date: 9-20-01

Sampled By: H. Rodriguez Jr. Rotometer #: #2 Project #: —

Work Area: 395 Southend Ave Random Hallways Cassette: ZEFen1912

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
01	35th Fl. Northside Hallway.	4	1600	1700	60	15.0	15.0	900	18/100	0.010
02	35th Fl. middle-of Hallway, Elvetors	4	1601	1701	60	15.0	15.0	900	21/100	0.011
03	35th Fl. Southside Hallway.	4	1602	1702	60	15.0	15.0	900	22/100	0.012
04	22nd Fl. Northside Hallway.	4	1610	1710	60	15.0	15.0	900	15.5/100	0.008
05	22nd Fl. middle-of Hall, Elvetors.	4	1611	1711	60	15.0	15.0	900	20/100	0.011
06	22nd Fl. Southside Hallway.	4.	1612	1712	60	15.0	15.0	900	14/100	0.008
07	Field Blanks							—	0/100	—
08								—	0/100	—

Batch #6339

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

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished [signature] Date/Time _____ Received ATC LAB / [signature] Date/Time 01/20/01 1820

Analylist [signature] 01/20/01 1900 Disposal By/Date TEM JD 9/27/01 15:00

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

The First Choice for Environmental Testing & Consulting

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC
104 East 25th Street
New York, New York 10010
www.atc-enviro.com
212.353.8280
Fax 212.353.8306

September 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 nineteen PCM air samples from our Group No. 5571:

Client: Mid-State
Project Name: 395 Southend Avenue, Plaza 600
Location: Various Floors
Samples received in TEM Lab: 09/26/01

These results will confirm and document the data transmitted to you today. The analyses were performed in strict conformance with the methodology of the NIOSH method 7402, Issue 2, August 15, 1994.

Forty grid openings from each of the samples were examined at relatively low magnifications (approximately 1,000X and 10,000X) for structures greater than 5um in length and widths between 0.25um and 3um, and having a length-to-width ratio greater than 3:1. These structures would be large enough to be observed by PCM analysis. Asbestos and non-asbestos structures were detected in the samples in the following proportions:

sample number	chrysotile	gypsum	cellulose	F/CC as Asbestos
1	0.0%	83.8%	16.2%	0.0
2	0.0%	56.3%	43.7%	0.0
3	0.0%	71.4%	28.6%	0.0
5	0.0%	64.3%	35.7%	0.0
6	0.0%	100.0%	0.0%	0.0
8	18.5%	25.9%	55.6%	0.002 ✓
9	0.0%	68.9%	31.1%	0.0
10	9.4%	90.6%	0.0%	0.003 ✓
13	0.0%	23.3%	76.7%	0.0
14	0.0%	70.0%	30.0%	0.0
15	0.0%	100.0%	0.0%	0.0
16	0.0%	100.0%	0.0%	0.0
17	0.0%	100.0%	0.0%	0.0
18	0.0%	100.0%	0.0%	0.0

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.

104 East 25th Street
New York, New York 10010
www.atc-enviro.com
212.353.8280
Fax 212.353.8306

19	0.0%	100.0%	0.0%	0.0
20	0.0%	61.1%	38.9%	0.0
21	0.0%	20.5%	79.5%	0.0
(23)	8.9%	91.1%	0.0%	0.002 ✓
24	0.0%	100.0%	0.0%	0.0

As a consequence, no sample exceeds 0.01 F/CC as asbestos.

The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy. These analyses were performed by ATC d/b/a ATC Associates Inc. This report may be reproduced only in its entirety and not without prior permission of this laboratory.

We are pleased to note that our TEM lab has received full accreditation from NVLAP and also approval under the NY State DOH ELAP program, as is currently required for recognized analysis of TEM air samples for AHERA projects.

Please contact me regarding any questions relating to these materials.

Very truly yours,

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

NYC-WTC_000121529

NYC 9/11 Public Portal Document

ALC Environmental Inc. 2968

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 9,20,01

PROJECT NAME: Mid-State-Plaza 600
PROJECT ADDRESS: 395 Southend ave - NYC
Various Apts

TURN AROUND TIME 2hr___ 6hr___ 12hr✓ 24hr___ 72hr___ Other___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	1	MISC.	~~Apt #~~ 9L / Sill	1	
1	2		9L / floor	1	
1	3		~~22G~~ Sill	1	
1	4		~~22N~~ Sill	1	
1	5		~~22N~~ floor	1	
1	6		~~22N~~ floor	1	
1	7		2nd fl. Laundry	1	
1	8		12A / Sill	1	
1	9		12A / floor	1	
1	10		12A / Hall	1	

Field Comments:

Relinquished by: [signature] Date: 9-20-01
Received by: [signature] Date: 9/20/01
Laboratory Name: ALC Lab

9p cm
10 NOB TEM

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

NYC-WTC_000121530

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYP BH 2

Client / Project: ALC / Mid State Plaza
Project No.:
Analysis Date: 9/20/01
Analyst: GA
Batch No.: 2968

1 Field No. 1	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: tan; Texture: fib	Morphology: W; Extinction: ∥	0.75 Chrysotile	15.25 Cellulose	26 Mineral Filler	11.8 Organic
Recommended ☑	Homogenity: 4	RI I: 1.149; RI II: 1.179	Amosite	5.8 Fiberglass	Organic Binders	34.1 Residue
Gravimetric PREP ☑	# of Layers: 1; Asbestos: ☑ ☐	DS Color: b/m; Color Pleo: —	Other	Other	Vermiculite	54.1 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: ; Detected: Yes No	Biref: L; Sign: +			Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☒ 0.5% chrysotile		Tr. Asbestos
POINT COUNT RESULTS ON THIS BACK	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					Chr.

2 Field No. 2	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: tan; Texture: fib	Morphology: W; Extinction: ∥	0.25 Chrysotile	12.75 Cellulose	40 Mineral Filler	11.7 Organic
Recommended ☑	Homogenity: 4	RI I: 1.149; RI II: 1.179	Amosite	47 Fiberglass	Organic Binders	33.3 Residue
Gravimetric PREP ☑	# of Layers: 1; Asbestos: ☑ ☐	DS Color: b/m; Color Pleo: —	Other	Other	Vermiculite	55.0 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: ; Detected: Yes No	Biref: L; Sign: +			Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		Tr. Asbestos
POINT COUNT RESULTS ON THIS BACK	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					Chr.

3 Field No. 3	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: tan; Texture: fib	Morphology: W; Extinction: ∥	TR Chrysotile	10 Cellulose	36 Mineral Filler	12.2 Organic
Recommended ☑	Homogenity: 4	RI I: 1.149; RI II: 1.179	Amosite	54 Fiberglass	Organic Binders	37.0 Residue
Gravimetric PREP ☑	# of Layers: 1; Asbestos: ☑ ☐	DS Color: b/m; Color Pleo: —	Other	Other	Vermiculite	50.8 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: ; Detected: Yes No	Biref: L; Sign: +			Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☒ Tr. chrysotile		Tr. Asbestos
POINT COUNT RESULTS ON THIS BACK	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					Chr.

4 Field No. 4	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: tan; Texture: fib	Morphology: W; Extinction: ∥	0.75 Chrysotile	15.75 Cellulose	30 Mineral Filler	9.5 Organic
Recommended ☑	Homogenity: 4	RI I: 1.149; RI II: 1.179	Amosite	54 Fiberglass	Organic Binders	71.6 Residue
Gravimetric PREP ☑	# of Layers: 1; Asbestos: ☑ ☐	DS Color: b/m; Color Pleo: —	Other	Other	Vermiculite	18.9 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: ; Detected: Yes No	Biref: L; Sign: +			Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		Tr. Asbestos
POINT COUNT RESULTS ON THIS BACK	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					Chr.

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10878
Microscope OLYP BH 2

Client / Project ALC / Midstate Plaza — Project No

Analysis Date 9/20/01 — Analyst JA — Batch No 2968

1 Field No. 5	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☑ Gravimetric (NOB) PLM ☑ Gravimetric (NOB) TEM ☑	Color tan — Texture fib — Homogeneity 1 — # of Layers 1 — Asbestos ☑ ☐ — Color of Layer — — Detected Yes No	Morphology W/A — Extinction P/I — RI l 1.54 / 1.66 — RI ll 1.54 / 1.670 — DS Color br/tan — Color,Pleo — — Biref L/m — Sign + / +	TR Chrysotile — TR Amosite — Other	8 Cellulose — 60 Fiberglass — Other	32 Mineral Filler — Organic Binders — Vermiculite — Other	10.5 Organic — 57.0 Residue — 32.5 Carbonate — Other — Tr. Chr. Asbestos — Tr. Amos.
Point Count Results on the back	Comments:			Q.C. ☐		
	Method: ☑ EPA + EPA ☐ EPA ☐ EPA ☐ other ☐ Scanning Options: EPA (P.C.) & EPA ☐ First 4 preps Asbestos = 0					

2 Field No. 6	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☑ Gravimetric (NOB) PLM ☑ Gravimetric (NOB) TEM ☑	Color tan — Texture fib — Homogeneity 1 — # of Layers 1 — Asbestos ☑ ☐ — Color of Layer — — Detected Yes No	Morphology W — Extinction P — RI l 1.54 — RI ll 1.67 — DS Color br/tan — Color,Pleo — — Biref L — Sign +	TR Chrysotile — Amosite — Other	5 Cellulose — 65 Fiberglass — Other	30 Mineral Filler — Organic Binders — Vermiculite — Other	9.0 Organic — 46.7 Residue — 44.3 Carbonate — Other — Tr. Asbestos — Chr.
Point Count Results on the back	Comments:			Q.C. ☐		
	Method: ☑ EPA + EPA ☐ EPA ☐ EPA ☐ other ☐ Scanning Options: EPA (P.C.) & EPA ☐ First 4 preps Asbestos = 0					

3 Field No. 7	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☑ Gravimetric (NOB) PLM ☑ Gravimetric (NOB) TEM ☑	Color tan — Texture fib — Homogeneity 1 — # of Layers 1 — Asbestos ☑ ☐ — Color of Layer — — Detected Yes No	Morphology W — Extinction P — RI l 1.54 — RI ll 1.67 — DS Color br/tan — Color,Pleo C — Biref L — Sign +	0.25 Chrysotile — Amosite — Other	9.75 Cellulose — 50 Fiberglass — Other	40 Mineral Filler — Organic Binders — Vermiculite — Other	12.3 Organic — 63.6 Residue — 24.1 Carbonate — Other — Tr. Asbestos — Chr.
Point Count Results on the back	Comments:			Q.C. ☐		
	Method: ☑ EPA + EPA ☐ EPA ☐ EPA ☐ other ☐ Scanning Options: EPA (P.C.) & EPA ☐ First 4 preps Asbestos = 0					

4 Field No 8	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☑ Gravimetric (NOB) PLM ☑ Gravimetric (NOB) TEM ☑	Color tan — Texture fib — Homogeneity 1 — # of Layers 1 — Asbestos ☑ ☐ — Color of Layer — — Detected Yes No	Morphology W — Extinction P — RI l 1.54 — RI ll 1.67 — DS Color br/tan — Color,Pleo — — Biref L — Sign +	0.25 Chrysotile — Amosite — Other	17.75 Cellulose — 5 Fiberglass — Other	30 Mineral Filler — Organic Binders — Vermiculite — Other	12.0 Organic — 44.6 Residue — 43.4 Carbonate — Other — Tr. Asbestos — Chr.
Point Count Results on the back	Comments:			Q.C. ☐		
	Method: ☑ EPA + EPA ☐ EPA ☐ EPA ☐ other ☐ Scanning Options: EPA (P.C.) & EPA ☐ First 4 preps Asbestos = 0					

NYC 9/11 Public Portal Document

NYC-WTC_000121532

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NYLAP 101187
ELAP 10870
Microscope OLYP BH-2

Client / Project ALC / Mid State Plaza — Project No. _____

Analysis Date 9/20/01 — Analyst GA — Batch No. 2968

1 Field No. 9	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☒ Gravimetric (NOB) PLM ☒ Gravimetric (NOB) TEM ☐	Color tan — Texture fibs Homogeneity 4 # of Layers 4 — Asbestos ☑ ☐ Color of Layer ____ — Detected Yes No Comments:	Morphology W — Extinction P RI ⊥ 1.49 — RI ∥ 1.57 DS Color tan — Color Pleo ____ Biref + — Sign +	0.25 Chrysotile ____ Amosite ____ Other	11.25 Cellulose 4.8 Fiberglass ____ Other	40 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	12.4 Organic 52.3 Residue 35.3 Carbonate ____ Other Tr Asbestos
POINT COUNT RESULTS ON BACK	Method: ☐ EPA ☐ ELAP ☐ EPA ☐ other ☐ SCANNING OPTION: ELAP (P.C.) & EPA — First 4 preps Asbestos = 0			Q.C. ☐		Chr.

2 Field No. 10	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☒ Gravimetric (NOB) PLM ☒ Gravimetric (NOB) TEM ☐	Color tan — Texture fibs Homogeneity 4 # of Layers 4 — Asbestos ☑ ☐ Color of Layer ____ — Detected Yes No Comments:	Morphology W — Extinction P RI ⊥ 1.49 — RI ∥ 1.57 DS Color tan — Color Pleo ____ Biref + — Sign +	Tr Chrysotile ____ Amosite ____ Other	14 Cellulose CV Fiberglass ____ Other	34 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	12.7 Organic 30.3 Residue 57.0 Carbonate ____ Other Tr Asbestos
POINT COUNT RESULTS ON THIS BACK	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ other ☐ SCANNING OPTION: ELAP (P.C.) & EPA — First 4 preps Asbestos = 0			Q.C. ☐		Chr.

3 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color ____ — Texture ____ Homogeneity ____ # of Layers ____ — Asbestos ☐ ☐ Color of Layer ____ — Detected Yes No Comments:	Morphology ____ — Extinction ____ RI ⊥ ____ — RI ∥ ____ DS Color ____ — Color Pleo ____ Biref ____ — Sign ____	____ Chrysotile ____ Amosite ____ Other	____ Cellulose ____ Fiberglass ____ Other	____ Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
POINT COUNT RESULTS ON THIS BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ other ☐ SCANNING OPTION: ELAP (P.C.) & EPA — First 4 preps Asbestos = 0			Q.C. ☐		

4 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color ____ — Texture ____ Homogeneity ____ # of Layers ____ — Asbestos ☐ ☐ Color of Layer ____ — Detected Yes No Comments:	Morphology ____ — Extinction ____ RI ⊥ ____ — RI ∥ ____ DS Color ____ — Color Pleo ____ Biref ____ — Sign ____	____ Chrysotile ____ Amosite ____ Other	____ Cellulose ____ Fiberglass ____ Other	____ Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
POINT COUNT RESULTS ON THIS BACK	Method: ☐ EPA + EPA ☐ ELAP ☐ EPA ☐ other ☐ SCANNING OPTION: ELAP (P.C.) & EPA — First 4 preps Asbestos = 0			Q.C. ☐		

NYC 9/11 Public Portal Document
NYC-WTC_000121533

NYC-WTC_000121534
PAGE 02/05
ATC ASSOCIATES INC
2123533599
09/21/2001 21:30

1 8 4

Asbestos Air Sampling Data Form

Client: Mid-State Date: 9-21-01

Sampled By: A. Rodriguez Sr. Rotometer #: #2 Project #:

Work Area: 395 Southend Ave. - Plaza 600 - Various Floors - Cassette: Zefon 1912

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
1	Hallway, 1st fl. Elevators	4i	0930	1030	60	10.0	10.0	600	19/100	0.016
2	Hallway, 1st fl.	4i	0931	1031	60	10.0	10.0	600	17.5/100	0.014
3	Lobby, 1st fl. - Entrance	4i	0932	1032	60	10.0	10.0	600	15/100	0.012
4	Apt #35D - Living Rm.	4i	1101	1201	60	10.0	10.0	600	12/100	0.010
5	Apt #35P - Living Rm.	4i	1102	1202	60	10.0	10.0	600	27/100	0.022
6	Apt #35G - Living Rm.	4i	1103	1203	60	10.0	10.0	600	20/100	0.016
7	Apt #34E - Living Rm.	4i	1330	1430	60	10.0	10.0	600	1/100	<0.008
8	Apt #34L - Living Rm.	4i	1331	1431	60	10.0	10.0	600	15/100	0.012

Batch #6346

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

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished: [signature] Date/Time: _____ Received: ATC LAB [signature] Date/Time: 09/21/2001 2020

Analylist: [signature] 09/21/01 21:30 Disposal By/Date: _____

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

NYC 9/11 Public Portal Document

NYC-WTC_000121535

NYC 9/11 Public Portal Document

Asbestos Air Sampling Data Form

Client: Mid-State Date: 9-21-01

Sampled By: A. Rodriguez Jr. Rotometer #: #2 Project #:

Work Area: 395 Southend ave. - Plaza 600 - Various floors. - Cassette: Zefon 1912

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
9	Apt#34M - Living Rm.	4i	1332	1432	60	10.0	10.0	600	30/100	0.025
10	Apt#33J - Living Rm.	4i	1500	1600	60	10.0	10.0	600	33/100	0.027
11	Apt#33C - Living Rm.	4i	1501	1601	60	10.0	10.0	600	2/100	<0.008
12	Apt#33D - Living Rm.	4i	1502	1602	60	10.0	10.0	600	8/100	<0.008
13	Apt#32D - Living Rm.	4i	1630	1730	60	10.0	10.0	600	20/100	0.016
14	Apt#32M - Living Rm.	4i	1631	1731	60	10.0	10.0	600	31/100	0.025
15	Apt#32L - Living Rm.	4i	1632	1732	60	10.0	10.0	600	23/100	0.019
16	Apt#31M - Living Rm.	4i	1800	1900	60	10.0	10.0	600	31.5/100	0.026

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

Analysis ☐ TEM AHERA ☐ TEM Philadelphia ☑ PCM NIOSH 7400

Turnaround ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished [signature] Date/Time 09/21/01 21:30

Analylist [signature]

Received NYC LAB [signature] Date/Time 09/21/01 2020

Disposal By/Date _____

Batch #6346

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215 732 9499 • 888.789.8378 • Fax: 215 732.9559

www.ALCEnvironmental.com

NYC-WTC_000121536

Asbestos Air Sampling Data Form

Client: Mid-State Date: 9-21-01

Sampled By: A. Rodriguez Jr. Rotometer #: #2 Project #:

Work Area: 395 Southend Ave. - Plaza 600 - Various floors - Cassette: Zefon 1912

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
17	Apt#31L - Living Rm.	4i	1801	1901	60	10.0	10.0	600	16/100	0.013
18	Apt#31D - Living Rm.	4i	1802	1902	60	10.0	10.0	600	33/100	0.027
19	Apt#30L - Living Rm.	4i	1805	1905	60	10.0	10.0	600	16/100	0.013
20	Apt#30M - Living Rm.	4i	1806	1906	60	10.0	10.0	600	35/100	0.029
21	Apt#30D - Living Rm	4i	1807	1907	60	10.0	10.0	600	31/100	0.025
22	Apt#29F - Living Rm.	4i	1815	1915	60	10.0	10.0	600	5/100	<0.008
23	Apt#29D - Living Rm.	4i	1816	1916	60	10.0	10.0	600	24/100	0.020
24	Apt#29M - Living Rm	4i	1817	1917	60	10.0	10.0	600	30/100	0.025

Codes: 1. Pre-Test, 2. Project, 3. Final, 4. Investigative, 5. Personal, A. Aggressive, D. Dormant, I. 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) ☐ _____

Relinquished Analylist: _____ Date/Time 09/21/01 21:30

Received AFC LAB Date/Time 09/21/01 2020

Disposal By/Date _____

Batch #6346

ALC ENVIRONMENTAL INCORPORATED
The First Choice for Environmental Testing & Consulting
115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559
www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

— 0 —

Asbestos Air Sampling Data Form

ALC ENVIRONMENTAL INCORPORATED

Client: Mid State Date: 9-21-01

Sampled By: A. Rodriguez Jr. Rotometer #: #2 Project #:

Work Area: 395 Southerdale - Plaza 600 - Various Floors - Cassette: Zefon: 1912

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
25	Field Blanks							—	0/100	—
26								—	0/100	—
27	Field Blanks							—	0/100	—
28								—	0/100	—

Batch #6346

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 E. Excursion T. TWA

Analysis: ☐ TEM AHERA ☐ TEM Philadelphia ☑ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished Analylist: [signature] Date/Time: [signature] 09/21/01 21:30

Received: ATC LAB [signature] Date/Time: 09/21/01 2020

Disposal By/Date: _____

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

The First Choice for Environmental Testing & Consulting

NYC 9/11 Public Portal Document

7.13 Bulk Sampling Results

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3151
Date Collected: 10/23/01

Project: Gateway Plaza Management
395 South End Avenue
Building 600

SAMPLE INFORMATION				Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #:	1	Date Analyzed:	10/26/01	None Detected	30% Cellulose 30% Fiberglass	40% Mineral Filler	
Color:	Tan						
Location:	22A living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	MW				
Method:	ELAP+EPA PLM						
Comment:							
Field #:	2	Date Analyzed:	10/26/01	Trace Chrysotile			9.2% Organic 32.1% Residue 58.7% Carbonate
Color:	Tan						
Location:	22B living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	MW/MP				
Method:	ELAP+EPA PLM						
Comment:							
Field #:	3	Date Analyzed:	10/26/01	None Detected	40% Cellulose 30% Fiberglass	30% Mineral Filler	
Color:	Tan						
Location:	22B living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	MW				
Method:	ELAP+EPA PLM						
Comment:							
Field #:	4	Date Analyzed:	10/26/01	2% Chrysotile	28% Cellulose 30% Fiberglass	40% Mineral Filler	
Color:	Tan						
Location:	21K living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	MW				
Method:	ELAP+EPA PLM						
Comment:							
Field #:	5	Date Analyzed:	10/26/01	Trace Chrysotile			14.3% Organic 36.2% Residue 49.5% Carbonate
Color:	Tan						
Location:	21N living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	MW/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM						
Comment:							

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Analyst: MW / MP

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC-WTC_000121539

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3151
Date Collected: 10/23/01

Project: Gateway Plaza Management
395 South End Avenue
Building 600

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #: 6 Date Analyzed: 10/26/01 Color: Tan Location: 21P living room ws Type of Mat: Misc. Mat. Homogenity: Y By: MW Method: ELAP+EPA PLM	1.8% Chrysotile	18.2% Cellulose 50.0% Fiberglass	30% Mineral Filler	
Comment:				
Field #: 7 Date Analyzed: 10/26/01 Color: Tan Location: 21A bedroom floor Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			18.9% Organic 38.2% Residue 42.9% Carbonate
Comment:				
Field #: 8 Date Analyzed: 10/26/01 Color: Tan Location: 21B living room ws Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			5.1% Organic 67.7% Residue 27.2% Carbonate
Comment:				
Field #: 9 Date Analyzed: 10/26/01 Color: Tan Location: 21C living room ws Type of Mat: Misc. Mat. Homogenity: Y By: MW Method: ELAP+EPA PLM	None Detected	30% Cellulose 30% Fiberglass	40% Mineral Filler	
Comment:				
Field #: 10 Date Analyzed: 10/26/01 Color: Tan Location: 21D living room ws Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.0% Organic 46.9% Residue 41.1% Carbonate
Comment:				

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Analyst: MW/MP

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St. 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3151
Date Collected: 10/23/01

SAMPLE INFORMATION				Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted] #:	11	Date Analyzed:	10/26/01	None Detected	30% Cellulose 30% Fiberglass	40% Mineral Filler	
Color:	Tan						
Location:	21E living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: MW					
Method:	ELAP+EPA PLM						
				Comment:			
Field #:	12	Date Analyzed:	10/26/01	None Detected	30% Cellulose 30% Fiberglass	40% Mineral Filler	
Color:	Tan						
Location:	21E bedroom floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: MW					
Method:	ELAP+EPA PLM						
				Comment:			
Field #:	13	Date Analyzed:	10/26/01	Trace Chrysotile			9.3% Organic 46.7% Residue 44.0% Carbonate
Color:	Tan						
Location:	20N living room ws						
[redacted] of Mat:	Misc. Mat.						
[redacted]mogenity:	Y	By: MW/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM						
				Comment:			
Field #:	14	Date Analyzed:	10/26/01	None Detected	18% Cellulose 42% Fiberglass	40% Mineral Filler	
Color:	Grey						
Location:	20P bedroom floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: MW/MP					
Method:	ELAP+EPA PLM						
				Comment:			
Field #:	15	Date Analyzed:	10/26/01	Trace Chrysotile			9.7% Organic 47.3% Residue 43.0% Carbonate
Color:	Tan						
Location:	20A living room ws						
Type of Mat:	Misc Mat.						
Homogenity:	Y	By: MW/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM						
				Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst:

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC-WTC_000121541

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3151
Date Collected: 10/23/01

SAMPLE INFORMATION				Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted] d #:	16	Date Analyzed:	10/26/01	Trace Chrysotile			8.3% Organic 54.1% Residue 37.6% Carbonate
Color:	Tan						
Location:	20B living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: MW/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM						
				Comment:			
Field #:	17	Date Analyzed:	10/26/01	Trace Chrysotile			9.3% Organic 51.1% Residue 39.6% Carbonate
Color:	Tan						
Location:	20C living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: JA/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM						
				Comment:			
Field #:	18	Date Analyzed:	10/26/01	Trace Chrysotile			10.1% Organic 47.8% Residue 42.1% Carbonate
Color:	Tan						
[redacted]cation:	19A living room floor						
[redacted]e of Mat:	Misc. Mat.						
[redacted]mogenity:	Y	By: JA/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM						
				Comment:			
Field #:	19	Date Analyzed:	10/26/01	None Detected	18% Cellulose 40% Fiberglass 12% Synthetic	30% Mineral Filler	
Color:	Tan						
Location:	19N living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: JA					
Method:	ELAP+EPA PLM						
				Comment:			
Field #:	20	Date Analyzed:	10/26/01	Trace Chrysotile			13.0% Organic 40.9% Residue 46.1% Carbonate
Color:	Tan						
Location:	19P living room floor						
Type of Mat:	Misc Mat.						
Homogenity:	Y	By: JA/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM						
				Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Analyst:

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC-WTC_000121542

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3151
Date Collected: 10/23/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #: 26 Date Analyzed: 10/26/01 Color: Tan Location: 17J living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.9% Organic 28.6% Residue 59.5% Carbonate
Comment:				
Field #: 27 Date Analyzed: 10/26/01 Color: Tan Location: 17N living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.1% Organic 39.3% Residue 48.6% Carbonate
Comment:				
Field #: 28 Date Analyzed: 10/26/01 Color: Tan Location: 17P living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.6% Organic 38.8% Residue 49.6% Carbonate
Comment:				
Field #: 29 Date Analyzed: 10/26/01 Color: Tan Location: 17A living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.5% Organic 35.4% Residue 53.1% Carbonate
Comment:				
Field #: 30 Date Analyzed: 10/26/01 Color: Tan Location: 17B living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.1% Organic 26.9% Residue 61.0% Carbonate
Comment:				

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Reviewed and Signed for the Company by:

Analyst:

Director of Laboratory Services

NYC-WTC_000121543

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St. 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3151
Date Collected: 10/23/01

SAMPLE INFORMATION			Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #:	31	Date Analyzed: 10/26/01	Trace Chrysotile			12.3% Organic 28.1% Residue 59.6% Carbonate
Color:	Tan					
Location:	17C living room wsill					
Type of Mat:	Misc. Mat.					
Homogenity:	Y	By: JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM		Comment:			
Field #:	32	Date Analyzed: 10/26/01	Trace Chrysotile			10.4% Organic 49.9% Residue 39.7% Carbonate
Color:	Tan					
Location:	17F living room floor					
Type of Mat:	Misc. Mat.					
Homogenity:	Y	By: JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM		Comment:			
Field #:	33	Date Analyzed: 10/27/01	Trace Chrysotile			12.6% Organic 29.5% Residue 57.9% Carbonate
Color:	Tan					
Location:	16L living room floor					
Type of Mat:	Misc. Mat.					
Homogenity:	Y	By: JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM		Comment:			
Field #:	34	Date Analyzed: 10/27/01	Trace Chrysotile			11.7% Organic 39.2% Residue 49.1% Carbonate
Color:	Tan					
Location:	16N living room floor					
Type of Mat:	Misc. Mat.					
Homogenity:	Y	By: JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM		Comment:			
Field #:	35	Date Analyzed:				
Color:						
Location:						
Type of Mat:						
Homogenity:		By:				
Method:	ELAP+EPA		Comment:	Sample not submitted.		

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Analyst:

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC-WTC_000121544

ATC Associates Inc.
104 E. 25th St. 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3151
Date Collected: 10/23/01

Project: Gateway Plaza Management
395 South End Avenue
Building 600

SAMPLE INFORMATION				Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #:	21	Date Analyzed:	10/26/01	Trace Chrysotile			11.8% Organic 31.5% Residue 56.7% Carbonate
Color:	Tan						
Location:	18K living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	22	Date Analyzed:	10/26/01	Trace Chrysotile			11.6% Organic 26.4% Residue 62.0% Carbonate
Color:	Tan						
Location:	18N living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	23	Date Analyzed:	10/26/01	Trace Chrysotile			11.0% Organic 28.4% Residue 60.6% Carbonate
Color:	Tan						
Location:	18A living room wsill						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	24	Date Analyzed:	10/26/01	Trace Chrysotile			9.0% Organic 32.1% Residue 58.9% Carbonate
Color:	Tan						
Location:	18E living room wsill						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	25	Date Analyzed:	10/26/01	Trace Chrysotile			11.5% Organic 25.7% Residue 62.8% Carbonate
Color:	Tan						
Location:	18F living room wsill						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Analyst:

ML + FA/MP

Reviewed and Signed for the Company by:

ML

Director of Laboratory Services

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3151
Date Collected: 10/23/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted] #: 26 Date Analyzed: 10/26/01 Color: Tan Location: 17J living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.9% Organic 28.6% Residue 59.5% Carbonate
	Comment:			
Field #: 27 Date Analyzed: 10/26/01 Color: Tan Location: 17N living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.1% Organic 39.3% Residue 48.6% Carbonate
	Comment:			
Field #: 28 Date Analyzed: 10/26/01 Color: Tan Location: 17P living room wsill [redacted]e of Mat: Misc. Mat. [redacted]nogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.6% Organic 38.8% Residue 49.6% Carbonate
	Comment:			
Field #: 29 Date Analyzed: 10/26/01 Color: Tan Location: 17A living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.5% Organic 35.4% Residue 53.1% Carbonate
	Comment:			
Field #: 30 Date Analyzed: 10/26/01 Color: Tan Location: 17B living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.1% Organic 26.9% Residue 61.0% Carbonate
	Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Analyst: [signature]

Reviewed and Signed for the Company by:

[signature]
Director of Laboratory Services

NYC-WTC_000121546

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St. 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3151
Date Collected: 10/23/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted] #: 31 Date Analyzed: 10/26/01 Color: Tan Location: 17C living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.3% Organic 28.1% Residue 59.6% Carbonate
	Comment:			
Field #: 32 Date Analyzed: 10/26/01 Color: Tan Location: 17F living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			10.4% Organic 49.9% Residue 39.7% Carbonate
	Comment:			
Field #: 33 Date Analyzed: 10/27/01 Color: Tan Location: 16L living room floor [redacted]e of Mat: Misc. Mat. [redacted]mogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.6% Organic 29.5% Residue 57.9% Carbonate
	Comment:			
Field #: 34 Date Analyzed: 10/27/01 Color: Tan Location: 16N living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.7% Organic 39.2% Residue 49.1% Carbonate
	Comment:			
Field #: 35 Date Analyzed: Color: Location: Type of Mat: Homogenity: By: Method: ELAP+EPA				
	Comment: Sample not submitted.			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Analyst: [redacted]

Reviewed and Signed for the Company by: [redacted]

Director of Laboratory Services

NYC-WTC_000121547

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3151
Date Collected: 10/23/01

Project: Gateway Plaza Management
395 South End Avenue
Building 600

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted] #: 36 Date Analyzed: 10/27/01 Color: Tan Location: 16B living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.7% Organic 19.9% Residue 67.4% Carbonate
	Comment:			
Field #: 37 Date Analyzed: 10/27/01 Color: Tan Location: 16C living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			14.1% Organic 24.0% Residue 61.9% Carbonate
	Comment:			
Field #: 38 Date Analyzed: 10/27/01 Color: Tan Location: 16D living room floor Type of Mat: Misc. Mat. [redacted]ogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			14.1% Organic 30.6% Residue 55.3% Carbonate
	Comment:			
Field #: 39 Date Analyzed: 10/27/01 Color: Tan Location: 16G living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.6% Organic 25.2% Residue 62.2% Carbonate
	Comment:			
Field #: 40 Date Analyzed: 10/27/01 Color: Tan Location: 15H living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			13.8% Organic 32.8% Residue 53.4% Carbonate
	Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst:

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC-WTC_000121548

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3151
Date Collected: 10/23/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted] #: 36 Date Analyzed: 10/27/01 Color: Tan Location: 16B living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.7% Organic 19.9% Residue 67.4% Carbonate
	Comment:			
Field #: 37 Date Analyzed: 10/27/01 Color: Tan Location: 16C living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			14.1% Organic 24.0% Residue 61.9% Carbonate
	Comment:			
Field #: 38 Date Analyzed: 10/27/01 Color: Tan Location: 16D living room floor [redacted]e of Mat: Misc. Mat. [redacted]nogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			14.1% Organic 30.6% Residue 55.3% Carbonate
	Comment:			
Field #: 39 Date Analyzed: 10/27/01 Color: Tan Location: 16G living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.6% Organic 25.2% Residue 62.2% Carbonate
	Comment:			
Field #: 40 Date Analyzed: 10/27/01 Color: Tan Location: 15H living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			13.8% Organic 32.8% Residue 53.4% Carbonate
	Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst: [signature]

Reviewed and Signed for the Company by: [signature]

Director of Laboratory Services

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St. 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3151
Date Collected: 10/23/01

SAMPLE INFORMATION				Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted] #:	41	Date Analyzed:	10/27/01	Trace Chrysotile			9.5% Organic 45.1% Residue 45.4% Carbonate
Color:	Tan						
Location:	15K living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	42	Date Analyzed:	10/27/01	Trace Chrysotile			13.9% Organic 57.0% Residue 29.1% Carbonate
Color:	Tan						
Location:	15L living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	43	Date Analyzed:	10/27/01	Trace Chrysotile			9.6% Organic 46.0% Residue 44.2% Carbonate
Color:	Tan						
Location:	15N living room ws						
[redacted] of Mat:	Misc. Mat.						
[redacted]nogenity:	Y	By:	JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	44	Date Analyzed:	10/27/01	Trace Chrysotile			8.8% Organic 46.0% Residue 45.2% Carbonate
Color:	Tan						
Location:	15P living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	45	Date Analyzed:	10/27/01	Trace Chrysotile			10.1% Organic 43.3% Residue 46.6% Carbonate
Color:	Tan						
Location:	15A living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Analyst: JA/MP

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3151
Date Collected: 10/23/01

Project: Gateway Plaza Management
395 South End Avenue
Building 600

SAMPLE INFORMATION				Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted] #:	46	Date Analyzed:	10/27/01	Trace Chrysotile			9.6% Organic 40.4% Residue 50.0% Carbonate
Color:	Tan						
Location:	15B living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: JA/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	47	Date Analyzed:	10/27/01	Trace Chrysotile			8.4% Organic 30.9% Residue 60.7% Carbonate
Color:	Tan						
Location:	15D living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: JA/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	48	Date Analyzed:	10/27/01	Trace Chrysotile			11.9% Organic 30.9% Residue 57.2% Carbonate
Color:	Tan						
Location:	15E living room window sill						
[redacted]e of Mat:	Misc. Mat.						
[redacted].nogenity:	Y	By: JA/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	49	Date Analyzed:	10/27/01	Trace Chrysotile			11.5% Organic 28.8% Residue 59.7% Carbonate
Color:	Tan						
Location:	14K living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: JA/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	50	Date Analyzed:	10/27/01	Trace Chrysotile			12.0% Organic 24.3% Residue 63.7% Carbonate
Color:	Tan						
Location:	14L bedroom floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: JA/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			

Legend TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1 For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2 >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Analyst:

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC-WTC_000121551

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3151
Date Collected: 10/23/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #: 51 Date Analyzed: 10/27/01 Color: Tan Location: 14M living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.8% Organic 33.9% Residue 54.3% Carbonate
	Comment:			
Field #: 52 Date Analyzed: 10/27/01 Color: Tan Location: 14N living room ws Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.0% Organic 32.7% Residue 55.3% Carbonate
	Comment:			
Field #: 53 Date Analyzed: 10/27/01 Color: Tan Location: 14P living room ws Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.9% Organic 26.6% Residue 61.5% Carbonate
	Comment:			
Field #: 54 Date Analyzed: 10/27/01 Color: Tan Location: 14C living room ws Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.8% Organic 29.7% Residue 58.5% Carbonate
	Comment:			
Field #: 55 Date Analyzed: 10/27/01 Color: Tan Location: 14E living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.4% Organic 27.8% Residue 59.8% Carbonate
	Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Reviewed and Signed for the Company by:

Analyst:

Director of Laboratory Services

NYC-WTC_000121552

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St. 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3151
Date Collected: 10/23/01

SAMPLE INFORMATION				Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted] #:	56	Date Analyzed:	10/27/01	2% Chrysotile	20% Cellulose 40% Fiberglass	38% Mineral Filler	
Color:	Tan						
Location:	12B living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: JA					
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	57	Date Analyzed:	10/26/01	Trace Chrysotile			9.0% Organic 53.7% Residue 37.9% Carbonate
Color:	Tan						
Location:	12N living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: JA/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	58	Date Analyzed:	10/26/01	Trace Chrysotile			12.8% Organic 29.2% Residue 58.0% Carbonate
Color:	Tan						
Location:	12P living room floor						
[redacted]e of Mat:	Misc. Mat.						
[redacted]nogenity:	Y	By: JA/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	59	Date Analyzed:	10/26/01	Trace Chrysotile			13.5% Organic 34.7% Residue 51.8% Carbonate
Color:	Tan						
Location:	11A living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: JA/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	60	Date Analyzed:	10/26/01	Trace Chrysotile			11.8% Organic 34.7% Residue 53.5% Carbonate
Color:	Tan						
Location:	11C living room ws						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By: JA/MP					
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Reviewed and Signed for the Company by:

Analyst:

Director of Laboratory Services

NYC-WTC_000121553

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St. 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3151
Date Collected: 10/23/01

Project: Gateway Plaza Management
395 South End Avenue
Building 600

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #: 61 Date Analyzed: 10/26/01 Color: Tan Location: 11D living room floor Type of Mat: Misc. Mat. Homogenity: Y By: MW Method: ELAP+EPA PLM NOB-PLM/TEM	None Detected	30% Cellulose 30% Fiberglass	40% Mineral Filler	
Comment:				
Field #: 62 Date Analyzed: 10/26/01 Color: Tan Location: 11E living room floor Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			13.8% Organic 44.7% Residue 41.5% Carbonate
Comment:				
Field #: 63 Date Analyzed: 10/26/01 Color: Tan Location: 11L living room floor Type of Mat: Misc. Mat. Homogenity: Y By: MW Method: ELAP+EPA PLM	None Detected	30% Cellulose 30% Fiberglass	40% Mineral Filler	
Comment:				
Field #: 64 Date Analyzed: 10/26/01 Color: Tan Location: 11N living room floor Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			10.2% Organic 47.0% Residue 42.8% Carbonate
Comment:				
Field #: 65 Date Analyzed: 10/26/01 Color: Tan Location: 11P living room floor Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			15.2% Organic 28.7% Residue 56.1% Carbonate
Comment:				

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Reviewed and Signed for the Company by:

Analyst:

Director of Laboratory Services

NYC-WTC_000121554

NYC 9/11 Public Portal Document

ALC Environmental Inc.

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10/23/01

PROJECT NAME: Gateway Plaza MGMT

PROJECT ADDRESS: 395 Southend ave NYC - Bldg 600

TURN AROUND TIME 2hr____ 6hr____ 12hr✓ 24hr____ 72hr____ Other____

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	1	MISC	#~~22A~~, living Rm, WS	-	
	2		#22B, living Rm, WS		
	3		#22B, living Rm, FLR		
	4		#21K, living Rm, WS		
	5		#21N, living Rm, WS		
	6		#21P, living Rm, WS		
	7		#21A, Bedrm, FLR		
	8		#21B, living Rm, WS		
	9		#21C, living Rm, WS		
	10		#21D, living Rm, WS		
	11		#21E, living Rm, FLR		
	12		#21E, Bedrm, FLR		
	13		#20N, living Rm, WS		
	14		#20P Bedrm, FLR		
	15		#20A, living Rm, WS		
	16		#20B, living Rm, WS		
	17		#20C, living Rm, FLR		
	18		#19A, living Rm, FLR		
	19		#19N, living Rm, WS		
	20		#19P, living Rm, FLR		

Field Comments:

Relinquished by: _____ Date: 10-23-01

Received by: _____ Date: _____

Laboratory Name: _____

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-362

NYC-WTC_000121555

NYC 9/11 Public Portal Document

ALC Environmental Inc.

5151

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10/23/01

PROJECT NAME: Gateway Plaza - MGMT

PROJECT ADDRESS: 395 South End Avenue - Building 6CC

TURN AROUND TIME 2hr___ 6hr___ 12hr✓ 24hr___ 72hr___ Other___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	21	MISC	Apt 18K - living - floor		
	22		18N - living - WSill		
	23		18A - living - WSill		
	24		18E - living - WSill		
	25		18F - living - WSill		
	26		17J - living - WSill		
	27		17N - living - WSill		
	28		17P - living - WSill		
	29		17A - living - floor		
	30		17B - living - WSill		
	31		17C - livingrm - WSill		
	32		17F - livingrm - floor		
	33		16L - livingrm - floor		
	34		16N - livingrm - floor		
	35		16P - livingrm - floor		
	36		16B - livingrm - WSill		
	37		16C - livingrm - WSill		
	38		16D - livingrm - floor		
	39		16G - livingrm - WSill		
	40		15H - livingrm - WSill		

Field Comments:

Relinquished by: [signature] Date: 10-23-01

Received by: [signature] Date: 10/24/01

Laboratory Name:

115 West 30th Street • 11th Floor • New York NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

NYC-WTC_000121556

NYC 9/11 Public Portal Document

ALC Environmental Inc.

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10/23/01

PROJECT NAME: Gateway Plaza Mgmt.

PROJECT ADDRESS: 395 Southend ave. NYC. — Bldg. 6000

TURN AROUND TIME 2hr____ 6hr____ 12hr ✓ 24hr____ 72hr____ Other____

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	41	Misc	#15K, living Rm, WS		
	42		#15L, living Rm, WS		
	43		#15N, living Rm, WS		
	44		#15P, living Rm, FLR		
	45		#15A, living Rm, FLR.		
	46		#15B, living Rm, FLR.		
	47		#15D, living Rm, WS		
	48		#15E, living Rm, WS		
	49		#14K, living Rm, FLR		
	50		#14L, Bedrm, FLR.		
	51		#14M, living Rm, FLR		
	52		#14N living Rm, WS		
	53		#14P, living Rm, WS		
	54		#14C, living Rm, WS		
	55		#14E, living Rm, FLR.		
	56		#12B, living Rm, WS		
	57		#12N, living Rm, WS.		
	58		#12P, living Rm, FLR		
	59		#11A, living Rm, WS		
	60		#11C, living Rm, WS.		

Field Comments:

Relinquished by: [signature] Date: 10-23-01

Received by: [signature] Date: 10/24/01

Laboratory Name: EMSL

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

NYC-WTC_000121557

NYC 9/11 Public Portal Document

ALC Environmental Inc.

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10/23/01

PROJECT NAME: Gateway Plaza - Mgmt.

PROJECT ADDRESS: 395 South End Avenue - Building 60C

TURN AROUND TIME 2hr____ 6hr____ 12hr____ 24hr X 72hr____ Other____

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	61	Misc	Apt 11D - livingrm - flock		
	62		11E - livingrm - flock		
	63		11L - livingrm - flock		
	64		11N - livingrm - flock		
	65		11P - livingrm - flock		

Field Comments:

Relinquished by: [signature] Date: 10-23-01

Received by: ALC Date: 10/24/01

Laboratory Name:

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

NYC-WTC_000121558

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYP BH-2

Client / Project: ALC / Galaxy Plaza Bldg 600 Project No.:

Analysis Date: 10/26/01 Analyst: [illegible] Batch No.: 3151

1 Field No. 1	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: Extinction:	Chrysotile	30 Cellulose	40 Mineral Filler	Organic
Recommended ☐	Homogenity: V	RI I: RI II:	Amosite	30 Fiberglass	Organic Binders	Residue
Gravimetric PREP ☐	# of Layers: 1 Asbestos: ☐ ☒	DS Color: Color,Pleo:	Other	Other	Vermiculite	Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: Detected Yes No	Biref: Sign:			Other	Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

2 Field No. 2	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: Extinction:	TR Chrysotile	30 Cellulose	40 Mineral Filler	9.2 Organic
Recommended ☒	Homogenity: V	RI I: RI II:	Amosite	30 Fiberglass	Organic Binders	32.1 Residue
Gravimetric PREP ☒	# of Layers: 1 Asbestos: ☒ ☐	DS Color: Color,Pleo:	Other	Other	Vermiculite	58.7 Carbonate
Gravimetric (NOB) PLM ☒	Color of Layer: Detected Yes No	Biref: Sign:			Other	Other
Gravimetric (NOB) TEM ☒	Comments:			Q.C. ☐		TR Asbestos chrysotile
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

3 Field No. 3	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: Extinction:	Chrysotile	40 Cellulose	30 Mineral Filler	Organic
Recommended ☐	Homogenity: V	RI I: RI II:	Amosite	30 Fiberglass	Organic Binders	Residue
Gravimetric PREP ☐	# of Layers: 1 Asbestos: ☐ ☒	DS Color: Color,Pleo:	Other	Other	Vermiculite	Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: Detected Yes No	Biref: Sign:			Other	Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

4 Field No. 4	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WF Extinction: [illegible]	2 Chrysotile	28 Cellulose	40 Mineral Filler	Organic
Recommended ☐	Homogenity: [illegible]	RI I: [illegible] RI II: [illegible]	Amosite	30 Fiberglass	Organic Binders	Residue
Gravimetric PREP ☐	# of Layers: Asbestos: ☒ ☐	DS Color: [illegible] Color,Pleo: [illegible]	Other	Other	Vermiculite	Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: Detected Yes No	Biref: Sign:			Other	Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☒ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

NYC-WTC_000121559

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8200, FAX (212) 353 - 3599 or 0306

NVLAP 101187
EMLAP 10070
Microscope ID: OP BIL 2

Client / Project: ALC / Gateway Plaza Bldg 6a
Project No.:
Analysis Date: 10/26/01
Analyst: [illegible]
Batch No.: 2151

#	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	6	Color: Tan; Texture: F; Homogeneity: V; # of Layers: 1; Asbestos: Yes; Color of Layer: ; Detected: Yes; Comments:	Morphology: BF; Extinction: P; RI: [illegible]; RI ⊥: [illegible]; DS Color: [illegible]; Color Pleo: C; Biref: C; Sign: -	1% Chrysotile; Amosite; Other	25 Cellulose; 30 Fiberglass; Other	45 Mineral Filler; Organic Binders; Vermiculite; Other	14.3 Organic; 36.7 Residue; 49.5 Carbonate; Other; TR Asbestos (Chrysotile)
2	9	Color: Tan; Texture: F; Homogeneity: V; # of Layers: 1; Asbestos: Yes; Color of Layer: ; Detected: Yes; Comments:	Morphology: BF; Extinction: P; RI: [illegible]; RI ⊥: [illegible]; DS Color: [illegible]; Color Pleo: C; Biref: C; Sign: +	1% Chrysotile; Amosite; Other	18.2 Cellulose; 50 Fiberglass; Other	30 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
3	7	Color: Tan; Texture: F; Homogeneity: V; # of Layers: 1; Asbestos: Yes; Color of Layer: ; Detected: Yes; Comments:	Morphology: BF; Extinction: P; RI: [illegible]; RI ⊥: [illegible]; DS Color: [illegible]; Color Pleo: C; Biref: C; Sign: +	1% Chrysotile; Amosite; Other	30 Cellulose; 30 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	15.3 Organic; 38.2 Residue; 42.5 Carbonate; Other; TR Asbestos (Chrysotile)
4	8	Color: Tan; Texture: F; Homogeneity: V; # of Layers: 1; Asbestos: Yes; Color of Layer: ; Detected: Yes; Comments:	Morphology: BF; Extinction: P; RI: [illegible]; RI ⊥: [illegible]; DS Color: [illegible]; Color Pleo: C; Biref: C; Sign: +	0.5% Chrysotile; Amosite; Other	25.5 Cellulose; 30 Fiberglass; Other	44 Mineral Filler; Organic Binders; Vermiculite; Other	5.1 Organic; 67.1 Residue; 27.8 Carbonate; Other; TR Asbestos (Chrysotile)

Grav. Method (ID-B): Required; Recommended; Gravimetric (PREP); Gravimetric (PREP) FEE; Gravimetric (PREP) FEE
Point Count: Report On This Page
Method: Dispersion Staining; CFM; CFM-E; Other; Scanning Options: CFM (PC-1 & EPA); Count 4 preps. Asbestos = 0
Q.C.
Row 2 Q.C.: 1.8% chr 1 Prep

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10872
Microscope OLYMPUS BH-2

Client / Project A.C. / Galesi Corp. Bldg 6 Project No.

Analysis Date 12/26/01 Analyst [illegible] Batch No. 3151

1 Field No. 1	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB)	Color Tan Texture F	Morphology — Extinction —	___ Chrysotile	20 Cellulose	60 Mineral Filler	___ Organic
Prepared ☐	Homogeneity —	RI I — RI II —	___ Amosite	10 Fiberglass	___ Organic Binders	___ Residue
Recommended ☐	# of Layers 1 Asbestos ☐ ☒	DS Color — Color Pleo —	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric PREP ☐	Color of Layer — Detected Yes No	Biref — Sign —			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:					___ Asbestos
Point Count Results on the back	Method: ☐ NOB EPA ☐ NOB ☐ EPA ☐ other ☐ SCANNING OPTION: ELAP (PCM) EPA Fast 4 preps Asbestos = 0			a.c. ☐		

2 Field No. 13	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB)	Color Tan Texture F	Morphology W Extinction U	TR Chrysotile	30 Cellulose	40 Mineral Filler	12.3 Organic
Prepared ☐	Homogeneity L	RI I M RI II C	___ Amosite	3.3 Fiberglass	___ Organic Binders	46.7 Residue
Recommended ☒	# of Layers 1 Asbestos ☒ ☐	DS Color W Color Pleo —	___ Other	___ Other	___ Vermiculite	41.0 Carbonate
Gravimetric PREP ☒	Color of Layer — Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:					TR Asbestos
Point Count Results on the back	Method: ☒ NOB EPA ☐ NOB ☐ EPA ☐ other ☐ SCANNING OPTION: ELAP (PCM) EPA Fast 4 preps Asbestos = 0			a.c. ☐		chrysotile

1 Field No. 11	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB)	Color Tan Texture F	Morphology — Extinction —	___ Chrysotile	30 Cellulose	60 Mineral Filler	___ Organic
Prepared ☐	Homogeneity L	RI I — RI II —	___ Amosite	10 Fiberglass	___ Organic Binders	___ Residue
Recommended ☐	# of Layers 1 Asbestos ☐ ☒	DS Color — Color Pleo —	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric PREP ☐	Color of Layer — Detected Yes No	Biref — Sign —			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:					___ Asbestos
Point Count Results on the back	Method: ☐ NOB EPA ☐ NOB ☐ EPA ☐ other ☐ SCANNING OPTION: ELAP (PCM) EPA Fast 4 preps Asbestos = 0			a.c. ☐		

1 Field No. 12	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB)	Color Tan Texture F	Morphology — Extinction —	___ Chrysotile	20 Cellulose	60 Mineral Filler	___ Organic
Prepared ☐	Homogeneity L	RI I — RI II —	___ Amosite	10 Fiberglass	___ Organic Binders	___ Residue
Recommended ☐	# of Layers 1 Asbestos ☐ ☒	DS Color — Color Pleo —	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric PREP ☐	Color of Layer — Detected Yes No	Biref — Sign —			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:					___ Asbestos
Point Count Results on the back	Method: ☐ NOB EPA ☐ NOB ☐ EPA ☐ other ☒ SCANNING OPTION: ELAP (PCM) EPA Fast 4 preps Asbestos = 0			a.c. ☐		

NYC 9/11 Public Portal Document

NYC-WTC_000121561

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
EPA# 100179
Microscope OLYMPUS BH-2

Client / Project ALC / Goldman Sachs Bldg. 200 — Project No _____

Analysis Date 12/26/01 — Analyst [signature] — Batch No 3151

#	Field No	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (ROB) Results %
1	14	Color tan; Texture fibs; Homogeneity 1; # of Layers 1; Asbestos ☑ ☐; Color of Layer ____; Detected Yes ☐ No ☐; Comments:	Morphology W; Extinction P; RI I 1.54; RI II 1.55; DS Color 0/m; Color,Pleo L; Biref L; Sign 1	TR Chrysotile; ____ Amosite; ____ Other	23 Cellulose; 31 Fiberglass; 2 Other; Syn; O.C. ☐	40 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	9.3 Organic; 46.7 Residue; 44.0 Carbonate; ____ Other; TR Asbestos, Chrysotile
2	11	Color tan; Texture fib; Homogeneity 1; # of Layers 1; Asbestos ☐ ☑; Color of Layer ____; Detected Yes ☐ No ☐; Comments:	Morphology ____; Extinction ____; RI I ____; RI II ____; DS Color ____; Color,Pleo ____; Biref ____; Sign ____	____ Chrysotile; ____ Amosite; ____ Other	16 Cellulose; 42 Fiberglass; ____ Other; O.C. ☐	40 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	____ Organic; ____ Residue; ____ Carbonate; ____ Other; ____ Asbestos
3	12	Color tan; Texture fib; Homogeneity 1; # of Layers 1; Asbestos ☑ ☐; Color of Layer ____; Detected Yes ☐ No ☐; Comments:	Morphology W; Extinction P; RI I 1.54; RI II 1.55; DS Color 0/m; Color,Pleo ~; Biref L; Sign 1	TR Chrysotile; ____ Amosite; ____ Other	20 Cellulose; 33 Fiberglass; ____ Other; O.C. ☐	47 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	9.7 Organic; 47.3 Residue; 43.0 Carbonate; ____ Other; TR Asbestos, Chrysotile
4	16	Color tan; Texture fib; Homogeneity 1; # of Layers 1; Asbestos ☑ ☐; Color of Layer ____; Detected Yes ☐ No ☐; Comments:	Morphology W; Extinction P; RI I 1.54; RI II 1.55; DS Color 0/m; Color,Pleo ____; Biref L; Sign 1	0.25 Chrysotile; ____ Amosite; ____ Other	20 Cellulose; 4.5 Fiberglass; 1.75 Other; Syn; O.C. ☐	30 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	8.3 Organic; 54.1 Residue; 37.6 Carbonate; ____ Other; TR Asbestos, Chrysotile

Point count results on the back

Method: ☑ EPA 600/R-93/116 Sec 2.5.5 ☐ EPA 600/M4-82-020 ☐ EPA 600/R-93/116 Sec 2.5.4 ☐ other ☐ Stopping Options: EPA (P.C.) & EPA Fast 4 preps Asbestos = 0

NYC 9/11 Public Portal Document

NYC-WTC_000121562

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 0306

NVLAP 101187
ELAP 10872
Microscope OLYP BH 2

Client / Project ALC / Graham Plaza Bldg 600 Project No.

Analysis Date 10/26/01 Analyst [illegible] Batch No. 3151

	Field No	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (ROB) Results %
1	17	Color tan; Texture fine; Homogeneity 1; # of Layers 1; Color of Layer —; Asbestos ☐ ☐; Detected Yes No; Comments:	Morphology cb; Extinction P; RI ⊥ 1.536-9; RI ∥ 1.717; DS Color b/m; Color Pleo —; Biref L; Sign 1	TR Chrysotile; ____ Amosite; ____ Other	20 Cellulose; 40 Fiberglass; ____ Other; O.C. ☐	40 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	7.3 Organic; 51.1 Residue; 35.6 Carbonate; ____ Other; TR Asbestos chrysotile
2	18	Color tan; Texture fine; Homogeneity 1; # of Layers 1; Color of Layer —; Asbestos ☑ ☐; Detected Yes No; Comments:	Morphology cb; Extinction P; RI ⊥ 1.534; RI ∥ 1.717; DS Color b/m; Color Pleo —; Biref L; Sign 1	0.50 Chrysotile; ____ Amosite; ____ Other	15.50 Cellulose; 34 Fiberglass; ____ Other; O.C. ☐	50 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	6.1 Organic; 47.8 Residue; 42.1 Carbonate; ____ Other; TR Asbestos chrysotile
3	19	Color tan; Texture fine; Homogeneity 1; # of Layers 1; Color of Layer —; Asbestos ☐ ☑; Detected Yes No; Comments:	Morphology ____; Extinction ____; RI ⊥ ____; RI ∥ ____; DS Color ____; Color Pleo ____; Biref ____; Sign ____	____ Chrysotile; ____ Amosite; ____ Other	18 Cellulose; 40 Fiberglass; 12 Other; Sum; O.C. ☐	30 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	____ Organic; ____ Residue; ____ Carbonate; ____ Other; ____ Asbestos
4	20	Color tan; Texture fine; Homogeneity 1; # of Layers 1; Color of Layer —; Asbestos ☑ ☐; Detected Yes No; Comments:	Morphology cb; Extinction P; RI ⊥ 1.539; RI ∥ 1.719; DS Color b/m; Color Pleo —; Biref L; Sign 1	0.50 Chrysotile; ____ Amosite; ____ Other	14.50 Cellulose; 45 Fiberglass; ____ Other; O.C. ☐	40 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	13.3 Organic; 40.5 Residue; 46.1 Carbonate; ____ Other; TR Asbestos chrysotile

Method: ☐ [illegible] ☐ [illegible] ☐ [illegible] ☐ [illegible] ☐ other ☐ SCANNING OPTICAL ELAP (P.C. 1 fr EPA) Fast 4 preps. Asbestos = 0

NYC 9/11 Public Portal Document

NYC-WTC_000121563

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10478
Microscope OLYMPUS BH-2

Client / Project: ALC / Gateway Plaza Bldg 600 — Project No:

Analysis Date: 12/26/01 — Analyst: [illegible] D — Batch No: 3151

Field No	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (ROB) Results %
1	Color: tan; Texture: fib; Homogeneity: 1; # of Layers: 1; Asbestos: ☑; Color of Layer: ; Detected: Yes ☐ No ☐; Comments:	Morphology: CO; Extinction: P; RI ⊥: 1.49; RI ∥: 1.520; DS Color: Y/m; Color Pleo: —; Biref: ; Sign: +	TR Chrysotile; ___ Amosite; ___ Other	13 Cellulose; 40 Fiberglass; ___ Other	47 Mineral Filler; ___ Organic Binders; ___ Vermiculite; ___ Other	11.8 Organic; 31.5 Residue; 56.7 Carbonate; ___ Other; TR Asbestos chrysotile
2	Color: tan; Texture: fib; Homogeneity: 2; # of Layers: 1; Asbestos: ☑; Color of Layer: ; Detected: Yes ☐ No ☐; Comments:	Morphology: CO/N; Extinction: P/3; RI ⊥: 1.549/1.550; RI ∥: 1.520/1.600; DS Color: Y/m; Color Pleo: —; Biref: ; Sign: +	TR Chrysotile; TR Amosite; ___ Other	10 Cellulose; 50 Fiberglass; ___ Other	40 Mineral Filler; ___ Organic Binders; ___ Vermiculite; ___ Other	11.6 Organic; 26.4 Residue; 62.0 Carbonate; ___ Other; TR Asbestos chrysotile
3	Color: tan; Texture: fib; Homogeneity: 1; # of Layers: 1; Asbestos: ☑; Color of Layer: ; Detected: Yes ☐ No ☐; Comments:	Morphology: CO; Extinction: P; RI ⊥: 1.549; RI ∥: 1.520; DS Color: Y/m; Color Pleo: —; Biref: ; Sign: +	TR Chrysotile; ___ Amosite; ___ Other	14 Cellulose; 12 Fiberglass; ___ Other	34 Mineral Filler; ___ Organic Binders; ___ Vermiculite; ___ Other	16.0 Organic; 28.4 Residue; 60.6 Carbonate; ___ Other; TR Asbestos chrysotile
4	Color: tan; Texture: fib; Homogeneity: 1; # of Layers: 1; Asbestos: ☑; Color of Layer: ; Detected: Yes ☐ No ☐; Comments:	Morphology: CO; Extinction: P; RI ⊥: 1.549; RI ∥: 1.520; DS Color: Y/m; Color Pleo: —; Biref: ; Sign: +	TR Chrysotile; ___ Amosite; ___ Other	20 Cellulose; 44 Fiberglass; ___ Other	36 Mineral Filler; ___ Organic Binders; ___ Vermiculite; ___ Other	7.0 Organic; 22.1 Residue; 70.9 Carbonate; ___ Other; TR Asbestos chrysotile

Point count; Method: ☑ [illegible]; Scanning Options: [illegible]; Fast 4 preps Asbestos = 0

N.D. ☐

NYC 9/11 Public Portal Document

NYC-WTC_000121564

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8200, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10870
Microscope OLYMPUS BH-2

Client / Project ALC / Goldman Plaza Bldg 600

Project No

Analysis Date 12/10/01 Analyst GMA

Batch No. 7151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (ID08) Results %
25	Color tan · Texture fibs · Homogeneity ok · # of Layers 1 · Asbestos ☑ ☐ · Color of Layer · Detected Yes No · Comments:	Morphology CD · Extinction P · RI I 1.54 · RI II 1.55 · DS Color bl/br · Color Plate · Biref L · Sign P	10 Chrysotile · Amosite · Other	18 Cellulose · 52 Fiberglass · Other	30 Mineral Filler · Organic Binders · Vermiculite · Other	11.5 Organic · 25.1 Residue · 6.8 Carbonate · Other · 7% Asbestos Chrysotile
26	Color tan · Texture fibs · Homogeneity ok · # of Layers 1 · Asbestos ☐ ☐ · Color of Layer · Detected Yes No · Comments:	Morphology CD · Extinction P · RI I 1.54 · RI II 1.55 · DS Color bl/br · Color Plate · Biref L · Sign P	10 Chrysotile · Amosite · Other	12 Cellulose · 50 Fiberglass · Other	38 Mineral Filler · Organic Binders · Vermiculite · Other	11.9 Organic · 28.6 Residue · 54.5 Carbonate · Other · 7% Asbestos Chrysotile
27	Color tan · Texture fibs · Homogeneity ok · # of Layers 1 · Asbestos ☐ ☐ · Color of Layer · Detected Yes No · Comments:	Morphology CD · Extinction P · RI I 1.54 · RI II 1.55 · DS Color bl/br · Color Plate · Biref L · Sign P	10 Chrysotile · Amosite · Other	16 Cellulose · 46 Fiberglass · Other	40 Mineral Filler · Organic Binders · Vermiculite · Other	12.1 Organic · 30.3 Residue · 48.6 Carbonate · Other · 7% Asbestos Chrysotile
28	Color tan · Texture fibs · Homogeneity ok · # of Layers 1 · Asbestos ☐ ☐ · Color of Layer · Detected Yes No · Comments:	Morphology CD · Extinction P · RI I 1.54 · RI II 1.55 · DS Color bl/br · Color Plate · Biref L · Sign P	10 Chrysotile · Amosite · Other	15 Cellulose · 50 Fiberglass · Other	35 Mineral Filler · Organic Binders · Vermiculite · Other	16.6 Organic · 32.8 Residue · 47.6 Carbonate · Other · 7% Asbestos Chrysotile

Point Count · Results on first page

Method: ☐ EPA · ☐ EPA · ☐ EPA · ☐ other · ☐ Stop at 10 (PC 10 EPA) · Fast 4 preps Asbestos = 0

O.C. ☐

NYC 9/11 Public Portal Document

NYC-WTC_000121565

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101107
ELAP 10879
Microscope OLYP BH 2

Client / Project: ALC / Gateway Plaza, Bldg 600 — Project No.:

Analysis Date: 10/20/01 — Analyst: [illegible] — Batch No.: 3151

1 Field No. 29	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: tan; Texture: fib	Morphology: W; Extinction: ∥	TR Chrysotile	13 Cellulose	43 Mineral Filler	11.5 Organic
Recommended ☑	Homogenity: 4	RI ⊥: 1.5 ; RI ∥: 1.5	___ Amosite	44 Fiberglass	___ Organic Binders	35.4 Residue
Gravimetric PREP ☐	# of Layers: 1; Asbestos: ☑ ☐	DS Color: b/w; Color Pleo: ✓	___ Other	___ Other	___ Vermiculite	53.1 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: ✓			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		TR Asbestos
Point Count Results on the Back	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Chrysotile

2 Field No. 30	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: tan; Texture: fib	Morphology: W; Extinction: ∥	TR Chrysotile	17 Cellulose	33 Mineral Filler	12.1 Organic
Recommended ☑	Homogenity: 4	RI ⊥: 1.5 ; RI ∥: 1.5	___ Amosite	50 Fiberglass	___ Organic Binders	26.9 Residue
Gravimetric PREP ☑	# of Layers: 1; Asbestos: ☑ ☐	DS Color: b/w; Color Pleo: ✓	___ Other	___ Other	___ Vermiculite	61.0 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: ✓			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
Point Count Results on the Back	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Chrysotile

3 Field No. 31	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: tan; Texture: fib	Morphology: W; Extinction: ∥	TR Chrysotile	15 Cellulose	40 Mineral Filler	12.3 Organic
Recommended ☐	Homogenity: 4	RI ⊥: 1.5 ; RI ∥: 1.5	___ Amosite	45 Fiberglass	___ Organic Binders	28.1 Residue
Gravimetric PREP ☐	# of Layers: 1; Asbestos: ☐ ☐	DS Color: b/w; Color Pleo: ✓	___ Other	___ Other	___ Vermiculite	59.6 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: ✓			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		TR Asbestos
Point Count Results on the Back	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Chrysotile

4 Field No. 32	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: tan; Texture: fib	Morphology: W; Extinction: ∥	0.50 Chrysotile	33.50 Cellulose	30 Mineral Filler	10.4 Organic
Recommended ☑	Homogenity: 4	RI ⊥: 1.5 ; RI ∥: 1.5	___ Amosite	36 Fiberglass	___ Organic Binders	49.9 Residue
Gravimetric PREP ☐	# of Layers: 1; Asbestos: ☑ ☐	DS Color: b/w; Color Pleo: ✓	___ Other	___ Other	___ Vermiculite	39.7 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: ✓			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		TR Asbestos
Point Count Results on the Back	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Chrysotile

NYC-WTC_000121566

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187

ELAP 10879

Microscope ID: CP 8012

Client / Project ACC / Grabowsky Glass Bldg 500 Project No

Analysis Date 12/27/01 Analyst JZ Batch No 3151

	Field No	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	1	Color tan Texture flat Homogeneity # of Layers Asbestos ☐ ☐ Color of Layer Detected Yes No Comments Method: ☐ ☐ ☐ ☐ ☐ ☐	Morphology W Extinction P RI I 1.57 RI II DS Color 1st/1st Color Pleo — Biref L Sign +	0-25 Chrysotile Amosite Other	17-25 Cellulose 48 Fiberglass Other Q.C. ☐	24 Mineral Filler Organic Binders Vermiculite Other	12.6 Organic 29.5 Residue 57.9 Carbonate Other TR Asbestos Chrysotile
2	1	Color tan Texture flat Homogeneity # of Layers Asbestos ☐ ☐ Color of Layer Detected Yes No Comments Method: ☐ ☐ ☐ ☐ ☐ ☐	Morphology W Extinction P RI I 1.57 RI II 1.55 DS Color 4th Color Pleo — Biref L Sign +	0-25 Chrysotile Amosite Other	14-75 Cellulose 45 Fiberglass Other Q.C. ☐	40 Mineral Filler Organic Binders Vermiculite Other	11.7 Organic 34.2 Residue 54.1 Carbonate Other TR Asbestos Chrysotile
3	2	Color Texture Homogeneity # of Layers Asbestos ☐ ☐ Color of Layer Detected Yes No Comments two samples Method: ☐ ☐ ☐ ☐ ☐ ☐	Morphology Extinction RI RI II DS Color Color Pleo Biref Sign	Chrysotile Amosite Other	Cellulose Fiberglass Other Q.C. ☐	Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
4	2	Color tan Texture flat Homogeneity # of Layers Asbestos ☐ ☐ Color of Layer Detected Yes No Comments Method: ☐ ☐ ☐ ☐ ☐ ☐	Morphology W Extinction P RI I 1.57 RI II 1.55 DS Color 4th Color Pleo — Biref L Sign +	0-50 Chrysotile Amosite Other	21-50 Cellulose 41 Fiberglass Other Q.C. ☐	33 Mineral Filler Organic Binders Vermiculite Other	11.7 Organic 18.8 Residue 67.4 Carbonate Other TR Asbestos Chrysotile

NYC 9/11 Public Portal Document

NYC-WTC_000121567

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYMPUS BH-2

Client / Project: ALC / Gateway Plaza Bldg 600 Project No.:

Analysis Date: 12/27/01 Analyst: [illegible] Batch No.: 3151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. 37	Color: Tan; Texture: Lite; Homogenity: 1; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI: 1.59; RI: 1.59; DS Color: W/M; Color Pleo: —; Biref: L; Sign: 1	0.50 Chrysotile; Amosite; Other	23.50 Cellulose; 4.4 Fiberglass; Other	32 Mineral Filler; Organic Binders; Vermiculite; Other	14.1 Organic; 24.0 Residue; 61.9 Carbonate; Other; TR Asbestos chrysotile
2 Field No. 38	Color: Tan; Texture: Lite; Homogenity: 1; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI: 1.59; RI: 1.59; DS Color: W/M; Color Pleo: —; Biref: L; Sign: 1	0.25 Chrysotile; Amosite; Other	19.75 Cellulose; 4.0 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	14.1 Organic; 32.6 Residue; 53.3 Carbonate; Other; TR Asbestos chrysotile
3 Field No. 39	Color: Tan; Texture: Lite; Homogenity: 1; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI: 1.59; RI: 1.59; DS Color: W/M; Color Pleo: —; Biref: L; Sign: 1	0.25 Chrysotile; Amosite; Other	15.25 Cellulose; 5.2 Fiberglass; Other	32 Mineral Filler; Organic Binders; Vermiculite; Other	12.6 Organic; 25.2 Residue; 66.2 Carbonate; Other; TR Asbestos chrysotile
4 Field No. 40	Color: Tan; Texture: Lite; Homogenity: 1; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI: 1.59; RI: 1.59; DS Color: W/M; Color Pleo: —; Biref: L; Sign: 1	0.75 Chrysotile; Amosite; Other	21.25 Cellulose; 4.0 Fiberglass; Other	38 Mineral Filler; Organic Binders; Vermiculite; Other	13.8 Organic; 32.8 Residue; 53.4 Carbonate; Other; TR Asbestos chrysotile

Comments:
Method: ☐ EPA + EPA² ☐ EPA ☐ EPA² ☐ other ☐ SCANNING OPTION: EPA (P.C.) & EPA² First 4 preps. Asbestos = 0
Q.C. ☐
Point count results on the back

NYC 9/11 Public Portal Document

NYC-WTC_000121568

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8200, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10870
Microscope OLYMPUS BH-2

Client / Project ATC / Goldman Sachs Bldg 200 Project No

Analysis Date 1/12-16 Analyst Jos Batch No 3151

Field No	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (DOB) Results %
1	Color Tan Texture Fib	Morphology W Extinction P	0.25 Chrysotile	22.75 Cellulose	33 Mineral Filler	13.5 Organic
Gravimetric (DOB)	Homogeneity 1	RI I RI II	___ Amosite	34 Fiberglass	___ Organic Binders	53.1 Residue
Prepared ☐	# of Layers 2 Asbestos ☐ ☐	DS Color W/Y Color Pleo	___ Other	___ Other	___ Vermiculite	45.4 Carbonate
Recommended ☐	Color of Layer Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric PREP ☐	Comments:			O.C. ☐		TR Asbestos
Gravimetric (DOB) TEM ☐	Method: ☐ PLM - EPA ☐ DOR ☐ EPA ☐ other ☐ Screening Options: Stop PLM if < 1% EPA Point Count 4 preps Asbestos = 0					Comments:
Gravimetric (DOB) TEM ☐						
Point Count Results on last page						
2	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (DOB) Results %
Field No 4L	Color Tan Texture Fib	Morphology W Extinction P	0.25 Chrysotile	22.25 Cellulose	40 Mineral Filler	13.5 Organic
Gravimetric (DOB)	Homogeneity 4	RI I RI II	___ Amosite	37 Fiberglass	___ Organic Binders	51.1 Residue
Prepared ☐	# of Layers 4 Asbestos ☐ ☐	DS Color W/Y Color Pleo —	___ Other	___ Other	___ Vermiculite	24.1 Carbonate
Recommended ☐	Color of Layer Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric PREP ☐	Comments:			O.C. ☐		TR Asbestos
Gravimetric (DOB) TEM ☐	Method: ☐ PLM - EPA ☐ DOR ☐ EPA ☐ other ☐ Screening Options: Stop PLM if < 1% EPA Point Count 4 preps Asbestos = 0					Comments:
Gravimetric (DOB) TEM ☐						
Point Count Results on last page						
3	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (DOB) Results %
Field No 5L	Color Tan Texture Fib	Morphology W Extinction P	0.50 Chrysotile	29.50 Cellulose	38 Mineral Filler	7.6 Organic
Gravimetric (DOB)	Homogeneity 4	RI I RI II	___ Amosite	32 Fiberglass	___ Organic Binders	46.4 Residue
Prepared ☐	# of Layers 4 Asbestos ☐ ☐	DS Color W/Y Color Pleo —	___ Other	___ Other	___ Vermiculite	44.2 Carbonate
Recommended ☐	Color of Layer Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric PREP ☐	Comments:			O.C. ☐		TR Asbestos
Gravimetric (DOB) TEM ☐	Method: ☐ PLM - EPA ☐ DOR ☐ EPA ☐ other ☐ Screening Options: Stop PLM if < 1% EPA Point Count 4 preps Asbestos = 0					Comments:
Gravimetric (DOB) TEM ☐						
Point Count Results on last page						
4	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (DOB) Results %
Field No 6L	Color Tan Texture Fib	Morphology W Extinction P	TR Chrysotile	20 Cellulose	40 Mineral Filler	8.8 Organic
Gravimetric (DOB)	Homogeneity 4	RI I RI II	___ Amosite	40 Fiberglass	___ Organic Binders	46.3 Residue
Prepared ☐	# of Layers 4 Asbestos ☐ ☐	DS Color W/Y Color Pleo —	___ Other	___ Other	___ Vermiculite	44.2 Carbonate
Recommended ☐	Color of Layer Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric PREP ☐	Comments:			O.C. ☐		TR Asbestos
Gravimetric (DOB) TEM ☐	Method: ☐ PLM - EPA ☐ DOR ☐ EPA ☐ other ☐ Screening Options: Stop PLM if < 1% EPA Point Count 4 preps Asbestos = 0					Comments:
Gravimetric (DOB) TEM ☐						
Point Count Results on last page						

NYC 9/11 Public Portal Document

NYC-WTC_000121569

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
EPAP 10879
Microscope OLYP BH 2

Client / Project: ALC / Gateway Plaza Bldg 600 — Project No.:

Analysis Date: 10/ 10/ — Analyst: [illegible] — Batch No.: 3151

1 Field No. 45	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan — Texture: Lib	Morphology: W — Extinction: 11	0.25 Chrysotile	19.75 Cellulose	42 Mineral Filler	10.1 Organic
Recommended ☐	Homogenity: 4	RI I: 1.49 — RI II: 1.17	___ Amosite	38 Fiberglass	___ Organic Binders	43.3 Residue
Gravimetric PREP ☑	# of Layers: 4 — Asbestos ☑ ☐	DS Color: b/w — Color Pleo: —	___ Other	___ Other	___ Vermiculite	46.6 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: — Detected: Yes No	Biref: L — Sign: +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		TK Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chrysotile

2 Field No. 46	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan — Texture: Lib	Morphology: W — Extinction: 11	0.25 Chrysotile	15.75 Cellulose	40 Mineral Filler	9.6 Organic
Recommended ☐	Homogenity: 4	RI I: 1.49 — RI II: 1.17	___ Amosite	44 Fiberglass	___ Organic Binders	40.4 Residue
Gravimetric PREP ☑	# of Layers: 5 — Asbestos ☑ ☐	DS Color: b/w — Color Pleo: —	___ Other	___ Other	___ Vermiculite	50.0 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: — Detected: Yes No	Biref: L — Sign: +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		TK Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chrysotile

3 Field No. 47	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan — Texture: Lib	Morphology: W — Extinction: 11	TR Chrysotile	20 Cellulose	38 Mineral Filler	8.4 Organic
Recommended ☐	Homogenity: 4	RI I: 1.49 — RI II: 1.17	___ Amosite	42 Fiberglass	___ Organic Binders	30.9 Residue
Gravimetric PREP ☑	# of Layers: 5 — Asbestos ☑ ☐	DS Color: b/w — Color Pleo: —	___ Other	___ Other	___ Vermiculite	60.7 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: — Detected: Yes No	Biref: L — Sign: +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		TK Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chrysotile

4 Field No. 48	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan — Texture: Lib	Morphology: W — Extinction: 11	TR Chrysotile	22 Cellulose	40 Mineral Filler	11.9 Organic
Recommended ☐	Homogenity: 4	RI I: 1.49 — RI II: 1.17	___ Amosite	38 Fiberglass	___ Organic Binders	34.9 Residue
Gravimetric PREP ☐	# of Layers: 4 — Asbestos ☑ ☐	DS Color: b/w — Color Pleo: —	___ Other	___ Other	___ Vermiculite	57.2 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: — Detected: Yes No	Biref: — Sign: —			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TK Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chrysotile

NYC-WTC_000121570

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

101 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8200, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope ID: EP BIE 2

Client / Project: ALC / Gateway Plaza Bldg 600

Project No.:

Analysis Date: 10/27/01 Analyst: [illegible]

Batch No.: 3151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 45	Color tan; Texture fibs; Homogeneity 4; # of Layers 1; Asbestos ☐ ☐; Color of Layer; Detected Yes No; Comments:	Morphology W; Extinction P; RI 1.54; RI ⊥ 1.54; DS Color B/Y; Color Pleo —; Biref L; Sign P	10 Chrysotile; Amosite; Other	22 Cellulose; 42 Fiberglass; Other; N.C. ☐	36 Mineral Filler; Organic Binders; Vermiculite; Other	11.2 Organic; 28.8 Residue; 3.7 Carbonate; Other; TR Asbestos Chrysotile
2 5	Color tan; Texture fibs; Homogeneity 4; # of Layers 1; Asbestos ☐ ☐; Color of Layer; Detected Yes No; Comments:	Morphology W; Extinction P; RI 1.54; RI ⊥ 1.54; DS Color B/Y; Color Pleo —; Biref L; Sign P	0.2 Chrysotile; Amosite; Other	19.8 Cellulose; 50 Fiberglass; Other; N.C. ☐	30 Mineral Filler; Organic Binders; Vermiculite; Other	12.0 Organic; 24.3 Residue; 63.7 Carbonate; Other; TR Asbestos Chrysotile
3 61	Color tan; Texture fibs; Homogeneity V; # of Layers 1; Asbestos ☐ ☐; Color of Layer; Detected Yes No; Comments:	Morphology W; Extinction P; RI 1.54; RI ⊥ 1.54; DS Color B/Y; Color Pleo —; Biref L; Sign P	10 Chrysotile; Amosite; Other	15 Cellulose; 50 Fiberglass; Other; N.C. ☐	31 Mineral Filler; Organic Binders; Vermiculite; Other	11.8 Organic; 33.9 Residue; 54.3 Carbonate; Other; TR Asbestos Chrysotile
4 52	Color tan; Texture fibs; Homogeneity 1; # of Layers 1; Asbestos ☐ ☐; Color of Layer; Detected Yes No; Comments:	Morphology W; Extinction P; RI 1.54; RI ⊥ 1.54; DS Color B/Y; Color Pleo —; Biref L; Sign P	TR Chrysotile; Amosite; Other	20 Cellulose; 44 Fiberglass; Other; N.C. ☐	36 Mineral Filler; Organic Binders; Vermiculite; Other	12.3 Organic; 32.7 Residue; 55.3 Carbonate; Other; TR Asbestos Chrysotile

Point Count results on last page

Method: ☐ [illegible] ☐ [illegible] ☐ [illegible] ☐ other ☐ [illegible] First 4 preps Asbestos = 0

NYC 9/11 Public Portal Document

NYC-WTC_000121571

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYMPIC BH 2

Client / Project: ALC / Galaxy Plaza Bldg 600 Project No.:

Analysis Date: 12/27/01 Analyst: [illegible] Batch No.: 3151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. 53	Color: Tan; Texture: Nils; Homogenity: 4; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 1; RI I: 1.7; RI II: 1.7; DS Color: b/w; Color Pleo: ✓; Biref: L; Sign: 1	TR Chrysotile; Amosite; Other	21 Cellulose; 38 Fiberglass; Other	41 Mineral Filler; Organic Binders; Vermiculite; Other	11.9 Organic; 26.6 Residue; 61.5 Carbonate; Other; TR Asbestos Chrysotile
2 Field No. 54	Color: Tan; Texture: Nils; Homogenity: 4; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 1; RI I: 1.7; RI II: 1.7; DS Color: b/w; Color Pleo: ✓; Biref: L; Sign: 1	0.25 Chrysotile; Amosite; Other	18.75 Cellulose; 50 Fiberglass; Other	31 Mineral Filler; Organic Binders; Vermiculite; Other	11.8 Organic; 29.7 Residue; 58.5 Carbonate; Other; TR Asbestos Chrysotile
3 Field No. 55	Color: Tan; Texture: Nils; Homogenity: 4; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 1; RI I: 1.7; RI II: 1.7; DS Color: b/w; Color Pleo: ✓; Biref: L; Sign: 1	0.25 Chrysotile; Amosite; Other	21.75 Cellulose; 45 Fiberglass; Other	33 Mineral Filler; Organic Binders; Vermiculite; Other	12.4 Organic; 27.8 Residue; 59.8 Carbonate; Other; TR Asbestos Chrysotile
4 Field No. 56	Color: Tan; Texture: Nils; Homogenity: 4; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 1; RI I: 1.7; RI II: 1.7; DS Color: b/w; Color Pleo: ✓; Biref: L; Sign: 1	2 Chrysotile; Amosite; Other	20 Cellulose; 40 Fiberglass; Other	38 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos

Comments:

Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (PC) & EPA¹ First 4 preps. Asbestos = 0

Q.C. ☐

Point count results on the back

NYC-WTC_000121572

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYP BH-2

Client / Project: ALC / Gateway Plaza Bldg 600
Project No.:
Analysis Date: 10/26/01
Analyst: [illegible]
Batch No.: 3151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. 51	Color: Tan; Texture: Ill; Homogeneity: Y; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI I: 1.57; RI II: 1.5; DS Color: W/W; Color Pleo: —; Biref: ✓; Sign: 1	TR Chrysotile; Amosite; Other	30 Cellulose; 36 Fiberglass; Other	34 Mineral Filler; Organic Binders; Vermiculite; Other	7.0 Organic; 53.7 Residue; 37.9 Carbonate; Other; TR Asbestos Chrysotile
Gravimetric (NOB) Required ☐; Recommended ☑; Gravimetric PREP ☑; Gravimetric (NOB) PLM ☑; Gravimetric (NOB) TEM ☑; POINT COUNT RESULTS ON THE BACK	Comments: Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☑ SCANNING OPTION: ELAP (PC) & EPA¹ First 4 preps. Asbestos = 0			Q.C. ☐		

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
2 Field No. 58	Color: Tan; Texture: Ill; Homogeneity: Y; # of Layers: 1; Asbestos: ☑ ☑; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI I: 1.57; RI II: 1.5; DS Color: W/W; Color Pleo: —; Biref: ✓; Sign: 1	TR Chrysotile; Amosite; Other	17 Cellulose; 50 Fiberglass; Other	33 Mineral Filler; Organic Binders; Vermiculite; Other	11.8 Organic; 19.2 Residue; 57.0 Carbonate; Other; TR Asbestos Chrysotile
Gravimetric (NOB) Required ☐; Recommended ☐; Gravimetric PREP ☑; Gravimetric (NOB) PLM ☐; Gravimetric (NOB) TEM ☑; POINT COUNT RESULTS ON THE BACK	Comments: Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (PC) & EPA¹ First 4 preps. Asbestos = 0			Q.C. ☐		

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
3 Field No. 59	Color: Tan; Texture: F; Homogeneity: Y; # of Layers: 1; Asbestos: ☐ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI I: 1.57; RI II: 1.5; DS Color: W/W; Color Pleo: —; Biref: ✓; Sign: 1	TR Chrysotile; Amosite; Other	18 Cellulose; 42 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	13.5 Organic; 34.7 Residue; 51.8 Carbonate; Other; TR Asbestos Chrysotile
Gravimetric (NOB) Required ☐; Recommended ☑; Gravimetric PREP ☑; Gravimetric (NOB) PLM ☑; Gravimetric (NOB) TEM ☑; POINT COUNT RESULTS ON THE BACK	Comments: Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (PC) & EPA¹ First 4 preps. Asbestos = 0			Q.C. ☐		

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
4 Field No. 60	Color: Tan; Texture: F; Homogeneity: Y; # of Layers: 1; Asbestos: ☐ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI I: 1.57; RI II: 1.5; DS Color: W/W; Color Pleo: —; Biref: ✓; Sign: 1	TR Chrysotile; Amosite; Other	23 Cellulose; 37 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	11.8 Organic; 34.7 Residue; 53.5 Carbonate; Other; TR Asbestos Chrysotile
Gravimetric (NOB) Required ☐; Recommended ☑; Gravimetric PREP ☑; Gravimetric (NOB) PLM ☑; Gravimetric (NOB) TEM ☑; POINT COUNT RESULTS ON THE BACK	Comments: Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (PC) & EPA¹ First 4 preps. Asbestos = 0			Q.C. ☐		

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101147
ELAP 10872
Microscope ID: CP BIL 2

Client / Project: ALC / Goldman Plaza Bldg 200 — Project No.:

Analysis Date: 12/26/01 — Analyst: [illegible] — Batch No: 7151

#	Field No	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	61	Color: Tan; Texture: F; Homogeneity: Y; # of Layers: 1; Asbestos: ☐ ☒; Color of Layer: ; Detected: Yes ☐ No ☐	Morphology: ; Extinction: ; RI: ; RI ll: ; DS Color: ; Color Plate: ; Bkgd: ; Sign:	___ Chrysotile / ___ Amosite / ___ Other	30 Cellulose; 30 Fiberglass; ___ Other	40 Mineral Filler; ___ Organic Binders; ___ Vermiculite; ___ Other	___ Organic; ___ Residue; ___ Carbonate; ___ Other; ___ Asbestos
2	67	Color: Tan; Texture: F; Homogeneity: Y; # of Layers: 1; Asbestos: ☒ ☐; Color of Layer: ; Detected: Yes ☐ No ☐	Morphology: CF; Extinction: ll; RI: [illegible]; RI ll: [illegible]; DS Color: [illegible]; Color Plate: PL; Bkgd: L; Sign: +	TR Chrysotile; ___ Amosite; ___ Other	30 Cellulose; 30 Fiberglass; ___ Other	40 Mineral Filler; ___ Organic Binders; ___ Vermiculite; ___ Other	13.8 Organic; 44.7 Residue; 41.5 Carbonate; ___ Other; TR Asbestos; Chrysotile
3	65	Color: Tan; Texture: F; Homogeneity: Y; # of Layers: 1; Asbestos: ☐ ☒; Color of Layer: ; Detected: Yes ☐ No ☐	Morphology: ; Extinction: ; RI: ; RI ll: ; DS Color: ; Color Plate: ; Bkgd: ; Sign:	___ Chrysotile / ___ Amosite / ___ Other	30 Cellulose; 3 Fiberglass; ___ Other	40 Mineral Filler; ___ Organic Binders; ___ Vermiculite; ___ Other	___ Organic; ___ Residue; ___ Carbonate; ___ Other; ___ Asbestos
4	64	Color: Tan; Texture: F; Homogeneity: Y; # of Layers: 1; Asbestos: ☒ ☐; Color of Layer: ; Detected: Yes ☐ No ☐	Morphology: CF; Extinction: ll; RI: [illegible]; RI ll: [illegible]; DS Color: [illegible]; Color Plate: 1; Bkgd: L; Sign: +	0.5 Chrysotile; ___ Amosite; ___ Other	29.75 Cellulose; 30 Fiberglass; ___ Other	40 Mineral Filler; ___ Organic Binders; ___ Vermiculite; ___ Other	10.2 Organic; 47.0 Residue; 42.8 Carbonate; ___ Other; TR Asbestos; Chrysotile

Point Count — Results on last page

Method: ☐ EPA 600/R-93/116 (PLM) ☐ EPA 600/M4-82-020 (PLM) ☐ EPA 600/R-93/116 (TEM) ☐ Other ☐ Stop at 10 Structures; Count 10 Fields per EPA 600/R-93/116 (TEM) ☐ Point Count 400 ☐ Point Count 1000 — First 4 preps Asbestos = 0

O.C. ☐

NYC 9/11 Public Portal Document

NYC-WTC_000121574

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353-8280, FAX (212) 353-3599 or 8306

EPA/AHERA 198.1/87

NIOSH 7400/B

Microscope OLYMPUS BH-2

Client / Project ACC Fabrication Plant Bldg 600 Project No

Analysis Date 12/26/01 Analyst Batch No 3151

1 Field No 65

Stereoscopic Exam: Color Tan; Texture F; Homogeneity; # of Layers 1; Asbestos [X]; Color of Layer; Detected Yes [X] No; Comments:

PLM Optical Properties: Morphology WF; Extinction P; RI+ L+; RI⊥ L-; DS Color Wht; Color Pleo; Bkgd C; Sign +

Asbestos Results PLM %: 0.5 Chrysotile; Amosite; Other

Other Fibrous %: 23.5 Cellulose; 6.2 Fiberglass; Other

Non Fibrous %: 4.3 Mineral Filler; Organic Binders; Vermiculite; Other

Gravimetric (ROB) Results %: 15.2 Organic; 18.7 Residue; 56.1 Carbonate; Other; 7.5 Asbestos Chrysotile

Point Count

Method: [X] [ ] [ ] [ ] Other [ ] Stopping Criteria: [ ] [ ] Fast Preps Asbestos = 0

Q.C. [ ]

2 Field No

Stereoscopic Exam: Color; Texture; Homogeneity; # of Layers; Asbestos [ ] [ ]; Color of Layer; Detected Yes No; Comments:

PLM Optical Properties: Morphology; Extinction; RI+; RI⊥; DS Color; Color Pleo; Bkgd; Sign

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous %: Cellulose; Fiberglass; Other

Non Fibrous %: Mineral Filler; Organic Binders; Vermiculite; Other

Gravimetric (ROB) Results %: Organic; Residue; Carbonate; Other; Asbestos

Point Count

Method: [ ] [ ] [ ] [ ] Other [ ] Stopping Criteria: [ ] [ ] Fast Preps Asbestos = 0

Q.C. [ ]

3 Field No

Stereoscopic Exam: Color; Texture; Homogeneity; # of Layers; Asbestos [ ] [ ]; Color of Layer; Detected Yes No; Comments

PLM Optical Properties: Morphology; Extinction; RI+; RI⊥; DS Color; Color Pleo; Bkgd; Sign

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous %: Cellulose; Fiberglass; Other

Non Fibrous %: Mineral Filler; Organic Binders; Vermiculite; Other

Gravimetric (ROB) Results %: Organic; Residue; Carbonate; Other; Asbestos

Point Count

Method: [ ] [ ] [ ] [ ] Other [ ] Stopping Criteria: [ ] [ ] Fast Preps Asbestos = 0

Q.C. [ ]

4 Field No

Stereoscopic Exam: Color; Texture; Homogeneity; # of Layers; Asbestos [ ] [ ]; Color of Layer; Detected Yes No; Comments:

PLM Optical Properties: Morphology; Extinction; RI+; RI⊥; DS Color; Color Pleo; Bkgd; Sign

Asbestos Results PLM %: Chrysotile; Amosite; Other

Other Fibrous %: Cellulose; Fiberglass; Other

Non Fibrous %: Mineral Filler; Organic Binders; Vermiculite; Other

Gravimetric (ROB) Results %: Organic; Residue; Carbonate; Other; Asbestos

Point Count

Method: [ ] [ ] [ ] [ ] Other [ ] Stopping Criteria: [ ] [ ] Fast Preps Asbestos = 0

Q.C. [ ]

NYC 9/11 Public Portal Document

NYC-WTC_000121575

NYC 9/11 Public Portal Document

ALC Environmental Inc.

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10,23,01

PROJECT NAME: Gateway Plaza MGmt.

PROJECT ADDRESS: 395 Southend ave. NYC. - Bldg. 600

TURN AROUND TIME 2hr___ 6hr___ 12hr✓ 24hr___ 72hr___ Other___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	1	MISC.	#22A, living Rm, WS	-	-
	2		#22B, living Rm, WS		
	3		#22B, living Rm, FLR		
	4		#21K, living Rm, WS		
	5		#21N, living Rm, WS		
	6		#21P, living Rm, WS		
	7		#21A, Bedrm, FLR		
	8		#21B, living Rm, WS		
	9		#21C, living Rm, WS		
	10		#21D, living Rm, WS		
	11		#21E, living Rm, FLR		
	12		#21E, Bedrm, FLR		
	13		#20N, living Rm, WS		
	14		#20P, Bedrm, FLR		
	15		#20A, living Rm, WS		
	16		#20B, living Rm, WS		
	17		#20C, living Rm, FLR		
	18		#19A, living Rm, FLR		
	19		#19N, living Rm, WS		
	20		#19P, living Rm, FLR		

Field Comments:

Relinquished by: [signature] Date: 10-23-01

Received by: [signature] Date: 10/24/01

Laboratory Name:

115 West 30th Street • 11th Floor • New York NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

NYC-WTC_000121576

NYC 9/11 Public Portal Document

ALC Environmental Inc.

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10/23/01

PROJECT NAME: Gateway Plaza - BGMT
PROJECT ADDRESS: 395 South End Avenue - Building 600

TURN AROUND TIME 2hr____ 6hr____ 12hr✓ 24hr____ 72hr____ Other____

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	21	Misc	Apt 18K - living - floor		
	22		18N - living - WSill		
	23		18A - living - WSill		
	24		18E - living - WSill		
	25		18F - living - WSill		
	26		17J - living - WSill		
	27		17N - living - WSill		
	28		17D - living - WSill		
	29		17A - living - floor		
	30		17B - living - WSill		
	31		17C - livingrm - WSill		
	32		17F - livingrm - floor		
	33		16L - livingrm - floor		
	34		16N - livingrm - floor		
	35		16P - livingrm - floor		
	36		16B - livingrm - WSill		
	37		16C - livingrm - WSill		
	38		16D - livingrm - floor		
	39		16G - livingrm - WSill		
	40		15H - livingrm - WSill		

Field Comments:

Relinquished by: [signature] Date: 10-23-01
Received by: [signature] Date: 10/24/01
Laboratory Name: AIC

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

NYC-WTC_000121577

NYC 9/11 Public Portal Document

ALC Environmental Inc.

4(5)1

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10, 23, 01

PROJECT NAME: Gateway Plaza MGMT.
PROJECT ADDRESS: 395 Southend ave. NYC. — Bldg. 600

TURN AROUND TIME 2hr___ 6hr___ 12hr ✓ 24hr___ 72hr___ Other___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	41	Misc	#15K, living Rm, WS		
	42		#15L, living Rm, WS		
	43		#15N, living Rm, WS		
	44		#15P, living Rm, FIR		
	45		#15A, living Rm, FIR		
	46		#15B, living Rm, FIR		
	47		#15D, living Rm, WS		
	48		#15E, living Rm, WS		
	49		#14K, living Rm, FIR		
	50		#14L, Bedrm, FIR		
	51		#14M, living Rm, FIR		
	52		#14N, living Rm, WS		
	53		#14P, living Rm, WS		
	54		#14C, living Rm, WS		
	55		#14E, living Rm, FIR		
	56		#12B, living Rm, WS		
	57		#12N, living Rm, WS		
	58		#12P, living Rm, FIR		
	59		#11A, living Rm, WS		
	60		#11C, living Rm, WS		

Field Comments:

Relinquished by: [signature] Date: 10-23-01
Received by: [signature] Date: 10/24/01
Laboratory Name:

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

PROJECT ADDRESS: 395 South End Avenue - Building 600

TURN AROUND TIME 2hr 6hr 12hr ✓ 24hr 72hr Other

NYC-WTC_000121578

NYC 9/11 Public Portal Document

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	61	Misc	Apt. 11D - livingrm. floor		
	62		11E - livingrm. floor		
	63		11L - livingrm. floor		
	64		11N - livingrm. floor		
	65		11P - livingrm. floor		

Field Comments:

Relinquished by: [signature] Date: 10-23-01

Received by: for AEC Date: 10/24/01

Laboratory Name:

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

NYC-WTC_000121579

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 104187
ELAP 10878
Microscope OLYP BH-2

Client / Project: ALC / Galaxy Plaza Bldg 600
Project No.:
Analysis Date: 10/26/01
Analyst: [illegible]
Batch No.: 3151

Field No. 1

Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point count results on the back

Stereoscopic Exam
Color: Tan — Texture: F
Homogenity: Y
# of Layers: 2 — Asbestos: ☐ ☒
Color of Layer: — Detected: Yes No

PLM Optical Properties
Morphology: — Extinction: —
RI I: — RI II: —
DS Color: — Color, Pleo: —
Biref: — Sign: —

Comments:
Method: ☐ Flat + Fat ☐ Flat ☐ Fat ☐ Other ☒ Scanning Option: Flat (F.C.) 1 Fat First 4 preps. Asbestos = 0

Asbestos Results PLM %
— Chrysotile
— Amosite
— Other

Other Fibrous %
30 Cellulose
30 Fiberglass
— Other

Non Fibrous %
40 Mineral Filler
— Organic Binders
— Vermiculite
— Other

Q.C. ☐

Gravimetric (NOB) Results %
— Organic
— Residue
— Carbonate
— Other
— Asbestos

Field No. 2

Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point count results on the back

Stereoscopic Exam
Color: Tan — Texture: F
Homogenity: Y
# of Layers: M — Asbestos: ☒ ☐
Color of Layer: — Detected: Yes No

PLM Optical Properties
Morphology: — Extinction: —
RI I: — RI II: —
DS Color: — Color, Pleo: —
Biref: — Sign: —

Comments:
Method: ☐ Flat + Fat ☐ Flat ☐ Fat ☐ Other ☒ Scanning Option: Flat (F.C.) 1 Fat First 4 preps. Asbestos = 0

Asbestos Results PLM %
TR Chrysotile
— Amosite
— Other

Other Fibrous %
30 Cellulose
30 Fiberglass
— Other

Non Fibrous %
40 Mineral Filler
— Organic Binders
— Vermiculite
— Other

Q.C. ☐

Gravimetric (NOB) Results %
— Organic
— Residue
— Carbonate
— Other
— Asbestos

Field No. 3

Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point count results on the back

Stereoscopic Exam
Color: Tan — Texture: F
Homogenity: Y
# of Layers: 2 — Asbestos: ☐ ☒
Color of Layer: — Detected: Yes No

PLM Optical Properties
Morphology: — Extinction: —
RI I: — RI II: —
DS Color: — Color, Pleo: —
Biref: — Sign: —

Comments:
Method: ☐ Flat + Fat ☐ Flat ☐ Fat ☐ Other ☐ Scanning Option: Flat (F.C.) 1 Fat First 4 preps. Asbestos = 0

Asbestos Results PLM %
— Chrysotile
— Amosite
— Other

Other Fibrous %
40 Cellulose
30 Fiberglass
— Other

Non Fibrous %
30 Mineral Filler
— Organic Binders
— Vermiculite
— Other

Q.C. ☐

Gravimetric (NOB) Results %
— Organic
— Residue
— Carbonate
— Other
— Asbestos

Field No. 4

Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point count results on the back

Stereoscopic Exam
Color: Tan — Texture: F
Homogenity: Y
# of Layers: 2 — Asbestos: ☒ ☐
Color of Layer: — Detected: Yes No

PLM Optical Properties
Morphology: WT — Extinction: ||
RI I: [illegible] — RI II: [illegible]
DS Color: [illegible] — Color, Pleo: [illegible]
Biref: — Sign: +

Comments:
Method: ☒ Flat + Fat ☒ Flat ☐ Fat ☐ Other ☐ Scanning Option: Flat (F.C.) 1 Fat First 4 preps. Asbestos = 0

Asbestos Results PLM %
2 Chrysotile
— Amosite
— Other

Other Fibrous %
28 Cellulose
30 Fiberglass
— Other

Non Fibrous %
40 Mineral Filler
— Organic Binders
— Vermiculite
— Other

Q.C. ☐

Gravimetric (NOB) Results %
— Organic
— Residue
— Carbonate
— Other
— Asbestos

NYC-WTC_000121580

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor, New York, NY 10010 · Phone (212) 353 - 8200, FAX (212) 353 - 3599 or 0306

NVLAP 101107
ELAP 10979
Microscope DI YP BH 2

Client / Project: ALC / Galaxy Plaza Bldg 600
Project No.:
Analysis Date: 10/26/01
Analyst: [illegible]
Batch No.: 3151

1 Field No. 5

Gravimetric (NOB): Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Stereoscopic Exam: Color: Tan; Texture: F; Homogenity: X; # of Layers: X; Asbestos: ☒ ☐; Color of Layer: ; Detected: Yes No

PLM Optical Properties: Morphology: WT; Extinction: U; RI I: [illegible]; RI II: [illegible]; DS Color: [illegible]; Color Pleo: CL; Biref: L; Sign: +

Asbestos Results PLM %: TR Chrysotile; Amosite; Other

Other Fibrous %: 25 Cellulose; 30 Fiberglass; Other

Non Fibrous %: 45 Mineral Filler; Organic Binders; Vermiculite; Other

Gravimetric (NOB) Results %: Organic; Residue; Carbonate; Other; Asbestos

Comments:

Method: ☒ [illegible] ☐ [illegible] ☐ [illegible] ☐ other ☐ [illegible] First 4 preps. Asbestos = 0

Q.C. ☐

2 Field No. 6

Gravimetric (NOB): Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Stereoscopic Exam: Color: Tan; Texture: F; Homogenity: X; # of Layers: X; Asbestos: ☒ ☐; Color of Layer: ; Detected: Yes No

PLM Optical Properties: Morphology: WT; Extinction: U; RI I: [illegible]; RI II: [illegible]; DS Color: [illegible]; Color Pleo: CL; Biref: L; Sign: +

Asbestos Results PLM %: 1.8 Chrysotile; Amosite; Other

Other Fibrous %: 18.2 Cellulose; 50 Fiberglass; Other

Non Fibrous %: 30 Mineral Filler; Organic Binders; Vermiculite; Other

Gravimetric (NOB) Results %: Organic; Residue; Carbonate; Other; Asbestos

Comments:

Method: ☒ [illegible] ☐ [illegible] ☐ [illegible] ☐ other ☐ [illegible] First 4 preps. Asbestos = 0

Q.C. ☒ 1.8% Chr. 4 Preps

3 Field No. 7

Gravimetric (NOB): Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Stereoscopic Exam: Color: Tan; Texture: F; Homogenity: X; # of Layers: X; Asbestos: ☒ ☐; Color of Layer: ; Detected: Yes No

PLM Optical Properties: Morphology: WT; Extinction: U; RI I: [illegible]; RI II: [illegible]; DS Color: [illegible]; Color Pleo: CL; Biref: L; Sign: +

Asbestos Results PLM %: TR Chrysotile; Amosite; Other

Other Fibrous %: 30 Cellulose; 30 Fiberglass; Other

Non Fibrous %: 40 Mineral Filler; Organic Binders; Vermiculite; Other

Gravimetric (NOB) Results %: Organic; Residue; Carbonate; Other; Asbestos

Comments:

Method: ☒ [illegible] ☐ [illegible] ☐ [illegible] ☐ other ☐ [illegible] First 4 preps. Asbestos = 0

Q.C. ☐

4 Field No. 8

Gravimetric (NOB): Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Stereoscopic Exam: Color: Tan; Texture: F; Homogenity: X; # of Layers: X; Asbestos: ☒ ☐; Color of Layer: ; Detected: Yes No

PLM Optical Properties: Morphology: WT; Extinction: U; RI I: [illegible]; RI II: [illegible]; DS Color: [illegible]; Color Pleo: CL; Biref: L; Sign: +

Asbestos Results PLM %: 0.5 Chrysotile; Amosite; Other

Other Fibrous %: 23.5 Cellulose; 30 Fiberglass; Other

Non Fibrous %: 40 Mineral Filler; Organic Binders; Vermiculite; Other

Gravimetric (NOB) Results %: Organic; Residue; Carbonate; Other; Asbestos

Comments:

Method: ☐ [illegible] ☐ [illegible] ☐ [illegible] ☐ other ☐ [illegible] First 4 preps. Asbestos = 0

Q.C. ☐

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101117
ELAP 10070
Microscope OLYP BH-2

Client / Project: ALC / Galaxy Plaza Bldg 600
Project No.:
Analysis Date: 10/26/01
Analyst: [signature]
Batch No.: 3151

1 Field No. 13	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: tan; Texture: Pebb	Morphology: W; Extinction: ∥	TR Chrysotile	23 Cellulose	40 Mineral Filler	___ Organic
Recommended ☑	Homogenity: Y	RI I: 1.5 mg; RI II: 1.5 mg	___ Amosite	35 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 4; Asbestos: ☑ ☐	DS Color: b/m; Color Pleo: L	___ Other	2 Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: +		Sign	___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Form editor results on the face	Method: ☑ EPA 1 ☐ EPA 2 ☐ EPA 3 ☐ other ☐ Scanning Options: EPA (PC) & EPA 1 First 4 preps Asbestos = 0					

2 Field No. 14	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: Pebb	Morphology: ___; Extinction: ___	___ Chrysotile	18 Cellulose	40 Mineral Filler	___ Organic
Recommended ☐	Homogenity: Y	RI I: ___; RI II: ___	___ Amosite	42 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 2; Asbestos: ☐ ☑	DS Color: ___; Color Pleo: ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: ___; Sign: ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Form editor results on the face	Method: ☐ EPA 1 ☐ EPA 2 ☐ EPA 3 ☐ other ☑ Scanning Options: EPA (PC) & EPA 1 First 4 preps Asbestos = 0					

3 Field No. 15	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: tan; Texture: Pebb	Morphology: W; Extinction: ∥	TR Chrysotile	20 Cellulose	47 Mineral Filler	___ Organic
Recommended ☑	Homogenity: Y	RI I: 1.5 mg; RI II: 1.5 mg	___ Amosite	33 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 2; Asbestos: ☑ ☐	DS Color: b/m; Color Pleo: L	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Form editor results on the face	Method: ☑ EPA 1 ☐ EPA 2 ☐ EPA 3 ☐ other ☐ Scanning Options: EPA (PC) & EPA 1 First 4 preps Asbestos = 0					

4 Field No. 16	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: tan; Texture: Pebb	Morphology: W; Extinction: ∥	0.25 Chrysotile	20 Cellulose	30 Mineral Filler	___ Organic
Recommended ☑	Homogenity: Y	RI I: 1.5 mg; RI II: 1.5 mg	___ Amosite	48 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 2; Asbestos: ☑ ☐	DS Color: b/m; Color Pleo: L	___ Other	1.75 Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: +		Sign	___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Form editor results on the face	Method: ☑ EPA 1 ☐ EPA 2 ☐ EPA 3 ☐ other ☐ Scanning Options: EPA (PC) & EPA 1 First 4 preps Asbestos = 0					

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101161
ELAP 10872
Microscope OLYM BH 2

Client / Project ALC / Galleria Plaza 6 Bldg 600 Project No.

Analysis Date 12/26/01 Analyst Batch No. 3151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
17	Color tan Texture fibs Homogeneity 4 # of Layers 4 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments	Morphology W Extinction P RI I 1.569 RI ⊥ 1.517 DS Color b/m Color,Pleo — Bkrf L Sign +	TR Chrysotile — Amosite — Other	20 Cellulose 60 Fiberglass — Other	40 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
Reported ☐ Recommended ☒ Gravimetric PLM/PC ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Method: ☒ PLM + DS ☐ DS ☐ PC ☐ other ☐ scanning optical microscopy (PC) is the ... Final Prep. Asbestos = 0			O.C. ☐		
18	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Color tan Texture fibs Homogeneity 4 # of Layers 4 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI I 1.569 RI ⊥ 1.517 DS Color b/m Color,Pleo — Bkrf L Sign +	0.50 Chrysotile — Amosite — Other	15.50 Cellulose 3Y Fiberglass — Other	50 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
Reported ☐ Recommended ☒ Gravimetric PLM/PC ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Method: ☒ PLM + DS ☐ DS ☐ PC ☐ other ☐ scanning optical microscopy (PC) is the ... Final Prep. Asbestos = 0			O.C. ☐		
19	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Color tan Texture fibs Homogeneity 4 # of Layers 4 Asbestos ☐ ☒ Color of Layer — Detected Yes No Comments:	Morphology — Extinction — RI I — RI ⊥ — DS Color — Color,Pleo — Bkrf — Sign —	— Chrysotile — Amosite — Other	18 Cellulose 40 Fiberglass 12 Other Sum	30 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
Reported ☐ Recommended ☐ Gravimetric PLM/PC ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Method: ☐ PLM + DS ☐ DS ☐ PC ☐ other ☒ scanning optical microscopy (PC) is the ... Final Prep. Asbestos = 0			O.C. ☐		
20	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Color tan Texture fibs Homogeneity 4 # of Layers 4 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI I 1.569 RI ⊥ 1.517 DS Color b/m Color,Pleo — Bkrf L Sign +	0.50 Chrysotile — Amosite — Other	14.50 Cellulose 45 Fiberglass — Other	40 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
Reported ☐ Recommended ☒ Gravimetric PLM/PC ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Method: ☒ PLM + DS ☐ DS ☐ PC ☐ other ☐ scanning optical microscopy (PC) is the ... Final Prep. Asbestos = 0			O.C. ☐		

NYC 9/11 Public Portal Document

NYC-WTC_000121583

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10878
Microscope DLYP BH-2

Client / Project: ALC / Galaxy Plaza Bldg 600
Project No.:
Analysis Date: 10/26/01
Analyst: [signature]
Batch No.: 3151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. 21	Color: tan; Texture: fib; Homogenity: y; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI: 1.549; RI: 1.127; DS Color: b/m; Color Pleo: ✓; Biref: C; Sign: +	TR Chrysotile; Amosite; Other	13 Cellulose; 40 Fiberglass; Other	47 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
2 Field No. 22	Color: tan; Texture: fib; Homogenity: y; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W/N; Extinction: 1/3; RI: 1.549/1.124; RI: 1.127/1.640; DS Color: b/m/b/y; Color Pleo: ✓/m; Biref: C/m; Sign: +/+	TR Chrysotile; TR Amosite; Other	10 Cellulose; 50 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
3 Field No. 23	Color: tan; Texture: fib; Homogenity: y; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI: 1.549; RI: 1.127; DS Color: b/m; Color Pleo: ✓; Biref: ✓; Sign: +	TR Chrysotile; Amosite; Other	14 Cellulose; 52 Fiberglass; Other	34 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
4 Field No. 24	Color: tan; Texture: fib; Homogenity: y; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI: 1.549; RI: 1.127; DS Color: b/m; Color Pleo: ✓; Biref: ; Sign: +	TR Chrysotile; Amosite; Other	20 Cellulose; 44 Fiberglass; Other	36 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos

Gravimetric (NOB): Required ☐; Recommended ☑; Gravimetric PREP ☐; Gravimetric (NOB) PLM ☐; Gravimetric (NOB) TEM ☐

Comments:

Method: ☑ Tube + PA ☐ PLP ☐ PA ☐ Other ☐ Scanning Optical PLP (P.C.) 1 PA Fast 4 preps. Asbestos = 0

Q.C. ☐

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101581
ELAP 10019
Microscope OLYP BH 2

Client / Project: ALC / Galaxy Plaza Bldg 600
Project No.:
Analysis Date: 10/26/01
Analyst: [illegible]
Batch No.: 3151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
25	Color: tan; Texture: fibs; Homogenity: 4; # of Layers: 4; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI: 1.49; RI: 1.49; DS Color: b/m; Color Pleo: —; Birel: L; Sign: +	TR Chrysotile; Amosite; Other	18 Cellulose; 52 Fiberglass; Other	30 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
26	Color: tan; Texture: fibs; Homogenity: 4; # of Layers: 4; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI: 1.49; RI: 1.49; DS Color: b/m; Color Pleo: —; Birel: L; Sign: +	TR Chrysotile; Amosite; Other	12 Cellulose; 50 Fiberglass; Other	38 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
27	Color: tan; Texture: fibs; Homogenity: 4; # of Layers: 4; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI: 1.49; RI: 1.49; DS Color: b/m; Color Pleo: —; Birel: L; Sign: +	TR Chrysotile; Amosite; Other	16 Cellulose; 44 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
28	Color: tan; Texture: fibs; Homogenity: 4; # of Layers: 4; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI: 1.49; RI: 1.49; DS Color: b/m; Color Pleo: —; Birel: L; Sign: +	TR Chrysotile; Amosite; Other	15 Cellulose; 50 Fiberglass; Other	35 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos

Comments:
Method: ☑ [illegible] ☐ [illegible] ☐ [illegible] ☐ [illegible] ☐ [illegible] First 4 preps. Asbestos = 0
Q.C. ☐

NYC-WTC_000121585

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10870
Microscope OLYMPUS BH-2

Client / Project ALC / Galasso Plaza Bldg 600 Project No. _____

Analysis Date 10/26/01 Analyst [illegible] Batch No. 7151

Field No. 29	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture fibrous	Morphology W Extinction P	TR Chrysotile	15 Cellulose	43 Mineral Filler	___ Organic
Recommended ☑	Homogeneity H	RI l 1.550 RI h 1.570	___ Amosite	42 Fiberglass	___ Organic Binders	___ Residue
Gravimetric (PREP) ☐	# of Layers 4 Asbestos ☑ ☐	DS Color bl/m Color,Pleo —	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer — Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point Count Results on last page	Method: ☑ Line Count ☐ Dot ☐ Area ☐ Other ☐ Scanning Electron Microscopy (SEM) EDS Qual. First 4 preps Asbestos = 0					

Field No. 30	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture fibrous	Morphology W Extinction P	TR Chrysotile	17 Cellulose	33 Mineral Filler	___ Organic
Recommended ☑	Homogeneity H	RI l 1.550 RI h 1.570	___ Amosite	50 Fiberglass	___ Organic Binders	___ Residue
Gravimetric (PREP) ☐	# of Layers 4 Asbestos ☑ ☐	DS Color bl/m Color,Pleo —	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer — Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point Count Results on last page	Method: ☑ Line Count ☐ Dot ☐ Area ☐ Other ☐ Scanning Electron Microscopy (SEM) EDS Qual. First 4 preps Asbestos = 0					

Field No. 31	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture fibrous	Morphology W Extinction P	TR Chrysotile	15 Cellulose	40 Mineral Filler	___ Organic
Recommended ☑	Homogeneity H	RI l 1.550 RI h 1.570	___ Amosite	45 Fiberglass	___ Organic Binders	___ Residue
Gravimetric (PREP) ☐	# of Layers 4 Asbestos ☑ ☐	DS Color bl/m Color,Pleo —	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer — Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point Count Results on last page	Method: ☑ Line Count ☐ Dot ☐ Area ☐ Other ☐ Scanning Electron Microscopy (SEM) EDS Qual. First 4 preps Asbestos = 0					

Field No. 32	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture fibrous	Morphology W Extinction P	0-50 Chrysotile	35-50 Cellulose	30 Mineral Filler	___ Organic
Recommended ☑	Homogeneity H	RI l 1.550 RI h 1.570	___ Amosite	36 Fiberglass	___ Organic Binders	___ Residue
Gravimetric (PREP) ☐	# of Layers 4 Asbestos ☑ ☐	DS Color bl/m Color,Pleo —	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer — Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point Count Results on last page	Method: ☑ Line Count ☐ Dot ☐ Area ☐ Other ☐ Scanning Electron Microscopy (SEM) EDS Qual. First 4 preps Asbestos = 0					

NYC 9/11 Public Portal Document

NYC-WTC_000121586

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor, New York, NY 10010 · Phone (212) 353 - 0200, FAX (212) 353 - 3599 or 0306

NYLAP 101837
ELAP 10079
Microscope OLYP RH 2

Client / Project: ALC / Gateway Plaza Bldg 600
Project No.:
Analysis Date: 10/27/01
Analyst: [illegible]
Batch No.: 3151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
33	Color: tan; Texture: Pcls; Homogeneity: 4; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 1; RI I: 1.5; RI II: 1.5; DS Color: b/w; Color Pleo: —; Biref: L; Sign: X	0.25 Chrysotile; Amosite; Other	17.75 Cellulose; 48 Fiberglass; Other	34 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
34	Color: tan; Texture: Pcls; Homogeneity: 4; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 1; RI I: 1.5; RI II: 1.5; DS Color: b/w; Color Pleo: —; Biref: L; Sign: X	0.25 Chrysotile; Amosite; Other	14.75 Cellulose; 45 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
35	Color: ; Texture: ; Homogeneity: ; # of Layers: ; Asbestos: ☐ ☐; Color of Layer: ; Detected: Yes No	Morphology: ; Extinction: ; RI I: ; RI II: ; DS Color: ; Color Pleo: ; Biref: ; Sign:	Chrysotile; Amosite; Other	Cellulose; Fiberglass; Other	Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
36	Color: tan; Texture: Pcls; Homogeneity: 4; # of Layers: 1; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 1; RI I: 1.5; RI II: 1.5; DS Color: b/w; Color Pleo: —; Biref: L; Sign: X	0.50 Chrysotile; Amosite; Other	21.50 Cellulose; 45 Fiberglass; Other	33 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos

Comments:
Method: ☑ [illegible] ☐ [illegible] ☐ [illegible] ☐ Other ☐ Scanning option: [illegible] First 4 preps. Asbestos = 0
Q.C. ☐

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 0280, FAX (212) 353 - 3599 or 0306

NVLAP letter
ELAP 10870
Microscope OLYC BH-2

Client / Project ALC / Galveston Plaza Bldg 600 Project No

Analysis Date 10/27/01 Analyst JM Batch No. 3151

1 Field No 37	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture fibs	Morphology W Extinction P	0.50 Chrysotile	23.10 Cellulose	32 Mineral Filler	Organic
Recommended ☑	Homogeneity 4	RI I 1.54 RI ⊥ 1.55	Amosite	4 Fiberglass	Organic Binders	Residue
Gravimetric PREP ☐	# of Layers 2 Asbestos ☑ ☐	DS Color bk/tan Color,Pleo	Other	Other	Vermiculite	Carbonate
Gravimetric (NOB) PREP ☐	Color of Layer Detected Yes No	Biref L Sign P			Other	Other
Gravimetric (NOB) TEM ☐	Comments:			a.c. ☐		Asbestos
Point count results on this area	Method: ☑ PLM ☐ DS ☐ TEM ☐ Other ☐ Weight Conversion Factor Used: Not Applic Asbestos = 0					

2 Field No 38	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture fibs	Morphology W Extinction P	0.25 Chrysotile	19.75 Cellulose	40 Mineral Filler	Organic
Recommended ☑	Homogeneity 4	RI I 1.54 RI ⊥ 1.55	Amosite	40 Fiberglass	Organic Binders	Residue
Gravimetric PREP ☐	# of Layers 2 Asbestos ☑ ☐	DS Color bk/tan Color,Pleo	Other	Other	Vermiculite	Carbonate
Gravimetric (NOB) PREP ☐	Color of Layer Detected Yes No	Biref L Sign P			Other	Other
Gravimetric (NOB) TEM ☐	Comments:			a.c. ☐		Asbestos
Point count results on this area	Method: ☑ PLM ☐ DS ☐ TEM ☐ Other ☐ Weight Conversion Factor Used: Not Applic Asbestos = 0					

3 Field No. 39	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture fibs	Morphology W Extinction P	0.25 Chrysotile	15.25 Cellulose	32 Mineral Filler	Organic
Recommended ☑	Homogeneity 4	RI I 1.54 RI ⊥ 1.55	Amosite	5 Fiberglass	Organic Binders	Residue
Gravimetric PREP ☐	# of Layers 2 Asbestos ☑ ☐	DS Color bk/tan Color,Pleo	Other	Other	Vermiculite	Carbonate
Gravimetric (NOB) PREP ☐	Color of Layer Detected Yes No	Biref L Sign P			Other	Other
Gravimetric (NOB) TEM ☐	Comments			a.c. ☐		Asbestos
Point count results on this area	Method: ☑ PLM ☐ DS ☐ TEM ☐ Other ☐ Weight Conversion Factor Used: Not Applic Asbestos = 0					

4 Field No 40	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture fibs	Morphology W Extinction P	0.75 Chrysotile	2.25 Cellulose	38 Mineral Filler	Organic
Recommended ☑	Homogeneity 4	RI I 1.54 RI ⊥ 1.55	Amosite	40 Fiberglass	Organic Binders	Residue
Gravimetric PREP ☐	# of Layers 2 Asbestos ☑ ☐	DS Color bk/tan Color,Pleo	Other	Other	Vermiculite	Carbonate
Gravimetric (NOB) PREP ☐	Color of Layer Detected Yes No	Biref L Sign P			Other	Other
Gravimetric (NOB) TEM ☐	Comments			a.c. ☐		Asbestos
Point count results on this area	Method: ☑ PLM ☐ DS ☐ TEM ☐ Other ☐ Weight Conversion Factor Used: Not Applic Asbestos = 0					

NYC 9/11 Public Portal Document

NYC-WTC_000121588

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor New York, NY 10010 Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101032
ELAP 10029
Microscope OLYMPUS BH 2

Client / Project: ALC / Gateway Plaza Bldg 600
Project No.:
Analysis Date: 10/27/01
Analyst: GA
Batch No.: 3151

1 Field No. 41

Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point count results on the back

Stereoscopic Exam
Color: Tan — Texture: Pits
Homogeneity: Y
# of Layers: N — Asbestos: ☑ ☐
Color of Layer: — Detected: Yes No
Comments:
Method: ☑ Pre + Pos ☐ Pre ☐ Pos ☐ Other ☐ Scanning Optical: Pre (P.C.) & Pos — First 4 preps. Asbestos = 0

PLM Optical Properties
Morphology: W — Extinction: ∥
RI I: 1.4 — RI II: 1.7
DS Color: b/w — Color Pleo: —
Biref: L — Sign: +

Asbestos Results PLM %
0.25 Chrysotile
___ Amosite
___ Other

Other Fibrous %
32.75 Cellulose
34 Fiberglass
___ Other

Non Fibrous %
33 Mineral Filler
___ Organic Binders
___ Vermiculite
___ Other

Gravimetric (NOB) Results %
___ Organic
___ Residue
___ Carbonate
___ Other
___ Asbestos

O.C. ☐

2 Field No. 42

Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point count results on the back

Stereoscopic Exam
Color: Tan — Texture: Pits
Homogeneity: Y
# of Layers: N — Asbestos: ☑ ☐
Color of Layer: — Detected: Yes No
Comments:
Method: ☑ Pre + Pos ☐ Pre ☐ Pos ☐ Other ☐ Scanning Optical: Pre (P.C.) & Pos — First 4 preps. Asbestos = 0

PLM Optical Properties
Morphology: W — Extinction: ∥
RI I: 1.4 — RI II: 1.7
DS Color: b/w — Color Pleo: —
Biref: L — Sign: +

Asbestos Results PLM %
0.75 Chrysotile
___ Amosite
___ Other

Other Fibrous %
22.25 Cellulose
37 Fiberglass
___ Other

Non Fibrous %
40 Mineral Filler
___ Organic Binders
___ Vermiculite
___ Other

Gravimetric (NOB) Results %
___ Organic
___ Residue
___ Carbonate
___ Other
___ Asbestos

O.C. ☐

3 Field No. 43

Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point count results on the back

Stereoscopic Exam
Color: Tan — Texture: Pits
Homogeneity: Y
# of Layers: N — Asbestos: ☑ ☐
Color of Layer: — Detected: Yes No
Comments:
Method: ☑ Pre + Pos ☐ Pre ☐ Pos ☐ Other ☐ Scanning Optical: Pre (P.C.) & Pos — First 4 preps. Asbestos = 0

PLM Optical Properties
Morphology: W — Extinction: ∥
RI I: 1.4 — RI II: 1.7
DS Color: b/w — Color Pleo: —
Biref: L — Sign: +

Asbestos Results PLM %
0.50 Chrysotile
___ Amosite
___ Other

Other Fibrous %
29.50 Cellulose
32 Fiberglass
___ Other

Non Fibrous %
38 Mineral Filler
___ Organic Binders
___ Vermiculite
___ Other

Gravimetric (NOB) Results %
___ Organic
___ Residue
___ Carbonate
___ Other
___ Asbestos

O.C. ☐

4 Field No. 44

Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point count results on the back

Stereoscopic Exam
Color: Tan — Texture: Pits
Homogeneity: Y
# of Layers: N — Asbestos: ☑ ☐
Color of Layer: — Detected: Yes No
Comments:
Method: ☑ Pre + Pos ☐ Pre ☐ Pos ☐ Other ☐ Scanning Optical: Pre (P.C.) & Pos — First 4 preps. Asbestos = 0

PLM Optical Properties
Morphology: W — Extinction: ∥
RI I: 1.4 — RI II: 1.7
DS Color: b/w — Color Pleo: —
Biref: L — Sign: +

Asbestos Results PLM %
TR Chrysotile
___ Amosite
___ Other

Other Fibrous %
20 Cellulose
40 Fiberglass
___ Other

Non Fibrous %
40 Mineral Filler
___ Organic Binders
___ Vermiculite
___ Other

Gravimetric (NOB) Results %
___ Organic
___ Residue
___ Carbonate
___ Other
___ Asbestos

O.C. ☐

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYP BH 2

Client / Project: ALC / Gateway Plaza Bldg 600
Project No.:
Analysis Date: 12/27/01
Analyst: [illegible]
Batch No.: 3151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
45	Color: Tan; Texture: Fib; Homogeneity: Y; # of Layers: 4; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI I: 1.149; RI II: 1.17; DS Color: b/m; Color Pleo: —; Brief: L; Sign: +	0.25 Chrysotile; Amosite; Other	19.75 Cellulose; 38 Fiberglass; Other	42 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
46	Color: Tan; Texture: Fib; Homogeneity: Y; # of Layers: 4; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI I: 1.149; RI II: 1.17; DS Color: b/m; Color Pleo: —; Brief: L; Sign: +	0.25 Chrysotile; Amosite; Other	15.75 Cellulose; 44 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
47	Color: Tan; Texture: Fib; Homogeneity: Y; # of Layers: 4; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI I: 1.149; RI II: 1.17; DS Color: b/m; Color Pleo: —; Brief: L; Sign: +	TR Chrysotile; Amosite; Other	20 Cellulose; 42 Fiberglass; Other	38 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
48	Color: Tan; Texture: Fib; Homogeneity: Y; # of Layers: 4; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI I: 1.149; RI II: 1.17; DS Color: b/m; Color Pleo: —; Brief: L; Sign: +	TR Chrysotile; Amosite; Other	22 Cellulose; 38 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos

Comments:
Method: ☑ TEM ☐ TEM ☐ TEM ☐ Other ☐ Scanning Optical Flow (PCM) Test 4 preps. Asbestos = 0
O.C. ☐

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101151
ELAP 10815
Alfaroscope OLYP BH-2

Client / Project ALC / Galewski Plaza Bldg 600

Project No. _____

Analysis Date 12/27/01 Analyst GH

Batch No 4151

Field No. 49

Gravimetric (HOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (EPA) PLM ☐ Gravimetric (NOB) TEM ☐

Point Count Results on this Data

Stereoscopic Exam

Color tan Texture fibs
Homogeneity 4
# of Layers 4 Asbestos ☑ ☐
Color of Layer ____ Detected Yes No
Comments:
Method: ☑ Stereoscope ☐ Prep ☐ PLM ☐ other ☐ Scanning Electron Microscope (SEM) Qualitative Point Counts: Asbestos = 0

PLM Optical Properties

Morphology W Extinction II
RI I 1.549 RI ⊥ 1.515
DS Color tan Color,Pleo ____
Biref L Sign +

Asbestos Results PLM %

TR Chrysotile
____ Amosite
____ Other

Other Fibrous %

22 Cellulose
TR Fiberglass
____ Other

Non Fibrous %

36 Mineral Filler
____ Organic Binders
____ Vermiculite
____ Other

O.C. ☐

Gravimetric (HOB) Results %

____ Organic
____ Residue
____ Carbonate
____ Other
____ Asbestos

Field No. 5

Gravimetric (EPA-B) Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (EPA) PLM ☐ Gravimetric (NOB) TEM ☐

Point Count Results on this Data

Stereoscopic Exam

Color tan Texture fibs
Homogeneity 4
# of Layers 4 Asbestos ☑ ☐
Color of Layer ____ Detected Yes No
Comments:
Method: ☑ Stereoscope ☐ Prep ☐ PLM ☐ other ☐ Scanning Electron Microscope (SEM) Qualitative Point Counts: Asbestos = 0

PLM Optical Properties

Morphology W Extinction II
RI I 1.549 RI ⊥ 1.515
DS Color tan/pm Color,Pleo ____
Biref L Sign +

Asbestos Results PLM %

0.2 Chrysotile
____ Amosite
____ Other

Other Fibrous %

19.8 Cellulose
50 Fiberglass
____ Other

Non Fibrous %

30 Mineral Filler
____ Organic Binders
____ Vermiculite
____ Other

O.C. ☐

Gravimetric (HOB) Results %

____ Organic
____ Residue
____ Carbonate
____ Other
____ Asbestos

Field No. 61

Gravimetric (EPA-B) Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (EPA) PLM ☐ Gravimetric (NOB) TEM ☐

Point Count Results on this Data

Stereoscopic Exam

Color tan Texture fibs
Homogeneity 4
# of Layers 4 Asbestos ☑ ☐
Color of Layer ____ Detected Yes No
Comments:
Method: ☑ Stereoscope ☐ Prep ☐ PLM ☐ other ☐ Scanning Electron Microscope (SEM) Qualitative Point Counts: Asbestos = 0

PLM Optical Properties

Morphology W Extinction II
RI I 1.549 RI ⊥ 1.515
DS Color tan/pm Color,Pleo ____
Biref L Sign +

Asbestos Results PLM %

TR Chrysotile
____ Amosite
____ Other

Other Fibrous %

15 Cellulose
50 Fiberglass
____ Other

Non Fibrous %

31 Mineral Filler
____ Organic Binders
____ Vermiculite
____ Other

O.C. ☐

Gravimetric (HOB) Results %

____ Organic
____ Residue
____ Carbonate
____ Other
____ Asbestos

Field No. 62

Gravimetric (EPA-B) Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (EPA) PLM ☐ Gravimetric (NOB) TEM ☐

Point Count Results on this Data

Stereoscopic Exam

Color tan Texture fibs
Homogeneity 4
# of Layers 4 Asbestos ☑ ☐
Color of Layer ____ Detected Yes No
Comments:
Method: ☑ Stereoscope ☐ Prep ☐ PLM ☐ other ☐ Scanning Electron Microscope (SEM) Qualitative Point Counts: Asbestos = 0

PLM Optical Properties

Morphology W Extinction II
RI I 1.549 RI ⊥ 1.515
DS Color tan/pm Color,Pleo ____
Biref L Sign +

Asbestos Results PLM %

TR Chrysotile
____ Amosite
____ Other

Other Fibrous %

20 Cellulose
44 Fiberglass
____ Other

Non Fibrous %

36 Mineral Filler
____ Organic Binders
____ Vermiculite
____ Other

O.C. ☐

Gravimetric (HOB) Results %

____ Organic
____ Residue
____ Carbonate
____ Other
____ Asbestos

NYC 9/11 Public Portal Document

NYC-WTC_000121591

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor, New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101181
ELAP 10070
Microscope DLaP 011 2

Client / Project: ALC / Galleria Plaza Bldg 600
Project No.:
Analysis Date: 10/27/01
Analyst: [illegible]
Batch No.: 3151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
53	Color: tan; Texture: fib; Homogenity: 4; # of Layers: 7; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI I: 1.49; RI II: 1.49; DS Color: b/w; Color Plea: ; Biref: L; Sign: +	TR Chrysotile; Amosite; Other	21 Cellulose; 38 Fiberglass; Other	41 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
54	Color: tan; Texture: fib; Homogenity: 4; # of Layers: 4; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI I: 1.49; RI II: 1.49; DS Color: b/w; Color Plea: ; Biref: L; Sign: +	0.25 Chrysotile; Amosite; Other	18.7 Cellulose; 50 Fiberglass; Other	31 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
55	Color: tan; Texture: fib; Homogenity: 4; # of Layers: 4; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI I: 1.49; RI II: 1.49; DS Color: b/w; Color Plea: ; Biref: L; Sign: +	0.25 Chrysotile; Amosite; Other	21.75 Cellulose; 45 Fiberglass; Other	33 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
56	Color: tan; Texture: fib; Homogenity: 4; # of Layers: 7; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: 11; RI I: 1.49; RI II: 1.49; DS Color: b/w; Color Plea: ; Biref: L; Sign: +	2 Chrysotile; Amosite; Other	20 Cellulose; 40 Fiberglass; Other	38 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos

Gravimetric (NOB): Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐
Point count results on the back
Comments:
Method: ☑ [illegible] ☐ [illegible] ☐ [illegible] ☐ Other ☐ Scanning Optical Flow (PC) [illegible] First 4 preps Asbestos = 0
O.C. ☐

NYC-WTC_000121592

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10878
Microscope OLYP BH 2

Client / Project: ALC / Gateway Plaza Bldg 600
Project No.:
Analysis Date: 12/26/01
Analyst: [signature]
Batch No.: 3151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
57	Color: Tan; Texture: Pile; Homogeneity: Y; # of Layers: 4; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: ∥; RI: 1.4; RI ∥: 1.5; DS Color: b/w; Color Pleo: —; Biref: L; Sign: T	TR Chrysotile; Amosite; Other	30 Cellulose; 36 Fiberglass; Other	34 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
58	Color: Tan; Texture: Pile; Homogeneity: Y; # of Layers: 4; Asbestos: ☑ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: ∥; RI: 1.4; RI ∥: 1.5; DS Color: b/w; Color Pleo: —; Biref: L; Sign: T	TR Chrysotile; Amosite; Other	17 Cellulose; 50 Fiberglass; Other	33 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
59	Color: Tan; Texture: F; Homogeneity: Y; # of Layers: 4; Asbestos: ☐ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: ∥; RI: 1.4; RI ∥: 1.5; DS Color: b/w; Color Pleo: —; Biref: L; Sign: T	TR Chrysotile; Amosite; Other	18 Cellulose; 42 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
60	Color: Tan; Texture: F; Homogeneity: Y; # of Layers: 4; Asbestos: ☐ ☐; Color of Layer: ; Detected: Yes No	Morphology: W; Extinction: ∥; RI: 1.4; RI ∥: 1.5; DS Color: b/w; Color Pleo: —; Biref: L; Sign: T	TR Chrysotile; Amosite; Other	23 Cellulose; 37 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos

Comments:
Method: ☐ EPA ☐ EPA ☐ EPA ☐ Other ☑ Scanning Option: EPA ☐ EPA First 4 preps. Asbestos = 0
Q.C. ☐

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3145
Date Collected: 10/22/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #: 1 Date Analyzed: 10/23/01 Color: Tan Location: Apt 33P living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: MW Method: ELAP+EPA PLM	1.9% Chrysotile	18.1% Cellulose 30.0% Fiberglass	50% Mineral Filler	
	Comment:			
Field #: 2 Date Analyzed: 10/23/01 Color: Tan Location: Apt 33P living room floor Type of Mat: Misc. Mat. Homogenity: Y By: MW Method: ELAP+EPA PLM	2.1% Chrysotile	17.9% Cellulose 30.0% Fiberglass	50% Mineral Filler	
	Comment:			
Field #: 3 Date Analyzed: 10/23/01 Color: Tan Location: Apt 33N living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			16.0% Organic 43.1% Residue 40.9% Carbonate
	Comment:			
Field #: 4 Date Analyzed: 10/23/01 Color: Tan Location: Apt 31P living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.3% Organic 36.7% Residue 51.0% Carbonate
	Comment:			
Field #: 5 Date Analyzed: 10/23/01 Color: Tan Location: Apt 31A living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			7.0% Organic 60.1% Residue 32.9% Carbonate
	Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst:

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC-WTC_000121594

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor, New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

HVLAP 101137
ELAP 10478
Microscope OLYP BH-2

Client / Project: ALC / Galaxy Plaza Bldg 600
Project No: _____
Analysis Date: 10/26/01
Analyst: [illegible]
Batch No: 3151

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. 61	Color: Tan; Texture: F; Homogeneity: X; # of Layers: X; Asbestos: ☐ ☒; Color of Layer: ___; Detected: Yes No	Morphology: ___; Extinction: ___; RI I: ___; RI II: ___; DS Color: ___; Color Pleo: ___; Biref: ___; Sign: ___	___ Chrysotile; ___ Amosite; ___ Other	30 Cellulose; 30 Fiberglass; ___ Other	40 Mineral Filler; ___ Organic Binders; ___ Vermiculite; ___ Other	___ Organic; ___ Residue; ___ Carbonate; ___ Other; ___ Asbestos
2 Field No. 62	Color: Tan; Texture: F; Homogeneity: X; # of Layers: X; Asbestos: ☒ ☐; Color of Layer: ___; Detected: Yes No	Morphology: WF; Extinction: II; RI I: [illegible]; RI II: [illegible]; DS Color: [illegible]; Color Pleo: 01; Biref: [illegible]; Sign: [illegible]	TR Chrysotile; ___ Amosite; ___ Other	30 Cellulose; 30 Fiberglass; ___ Other	60 Mineral Filler; ___ Organic Binders; ___ Vermiculite; ___ Other	___ Organic; ___ Residue; ___ Carbonate; ___ Other; ___ Asbestos
3 Field No. 63	Color: Tan; Texture: F; Homogeneity: X; # of Layers: X; Asbestos: ☐ ☒; Color of Layer: ___; Detected: Yes No	Morphology: ___; Extinction: ___; RI I: ___; RI II: ___; DS Color: ___; Color Pleo: ___; Biref: ___; Sign: ___	___ Chrysotile; ___ Amosite; ___ Other	30 Cellulose; 30 Fiberglass; ___ Other	40 Mineral Filler; ___ Organic Binders; ___ Vermiculite; ___ Other	___ Organic; ___ Residue; ___ Carbonate; ___ Other; ___ Asbestos
4 Field No. 64	Color: Tan; Texture: F; Homogeneity: X; # of Layers: X; Asbestos: ☒ ☐; Color of Layer: ___; Detected: Yes No	Morphology: WF; Extinction: II; RI I: [illegible]; RI II: [illegible]; DS Color: [illegible]; Color Pleo: 01; Biref: [illegible]; Sign: [illegible]	0.25 Chrysotile; ___ Amosite; ___ Other	29.75 Cellulose; 30 Fiberglass; ___ Other	40 Mineral Filler; ___ Organic Binders; ___ Vermiculite; ___ Other	___ Organic; ___ Residue; ___ Carbonate; ___ Other; ___ Asbestos

Gravimetric (NOB): Required ☐; Recommended ☐; Gravimetric PREP ☐; Gravimetric (NOB) PLM ☐; Gravimetric (NOB) TEM ☐

Comments:

Method: ☐ [illegible] ☐ [illegible] ☐ [illegible] ☐ Other ☐ Scanning Optical (LAP) [illegible] First 4 preps Asbestos = 0

Q.C. ☐

NYC-WTC_000121595

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 0300

NVLAP 101137
ELAP 10870
Microscope OLYP BH-2

Client / Project ALC / Galleria Plaza Bldg 600

Project No. _____

Analysis Date 12/26/01 Analyst _____

Batch No. 7151

Field No. 65	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogeneity V # of Layers _____ Asbestos ☒ ☐ Color of Layer _____ Detected Yes No Comments:	Morphology W F Extinction P RI L M RI ∥ M DS Color W M Color Pleo _____ Bire _____ Sign +	0 % Chrysotile _____ Amosite _____ Other	29.5 Cellulose 1.9 Fiberglass _____ Other	4.9 Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Point Count Results on the back	Method: ☒ PLM ☐ DOF ☐ TEM ☐ Other ☐ Scanning Electron Microscopy (SEM) (EDS) (TEM) Point Counts: Asbestos = 0			O.C. ☐		

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☐ Color of Layer _____ Detected Yes No Comments:	Morphology _____ Extinction _____ RI _____ RI ∥ _____ DS Color _____ Color Pleo _____ Bire _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	_____ Cellulose _____ Fiberglass _____ Other	_____ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Point Count Results on the back	Method: ☐ PLM ☐ DOF ☐ TEM ☐ Other ☐ Scanning Electron Microscopy (SEM) (EDS) (TEM) Point Counts: Asbestos = 0			O.C. ☐		

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☐ Color of Layer _____ Detected Yes No Comments:	Morphology _____ Extinction _____ RI _____ RI ∥ _____ DS Color _____ Color Pleo _____ Bire _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	_____ Cellulose _____ Fiberglass _____ Other	_____ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Point Count Results on the back	Method: ☐ PLM ☐ DOF ☐ TEM ☐ Other ☐ Scanning Electron Microscopy (SEM) (EDS) (TEM) Point Counts: Asbestos = 0			O.C. ☐		

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☐ Color of Layer _____ Detected Yes No Comments:	Morphology _____ Extinction _____ RI _____ RI ∥ _____ DS Color _____ Color Pleo _____ Bire _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	_____ Cellulose _____ Fiberglass _____ Other	_____ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Point Count Results on the back	Method: ☐ PLM ☐ DOF ☐ TEM ☐ Other ☐ Scanning Electron Microscopy (SEM) (EDS) (TEM) Point Counts: Asbestos = 0			O.C. ☐		

NYC 9/11 Public Portal Document

NYC-WTC_000121596

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3145
Date Collected: 10/22/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #: 6 Date Analyzed: 10/23/01 Color: Tan Location: Apt 31B living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			22.4% Organic 43.6% Residue 34.0% Carbonate
Comment:				
Field #: 7 Date Analyzed: 10/23/01 Color: Tan Location: Apt 30L living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.6% Organic 49.9% Residue 37.5% Carbonate
Comment:				
Field #: 8 Date Analyzed: 10/23/01 Color: Tan Location: Apt 30L living room floor Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.4% Organic 42.1% Residue 45.5% Carbonate
Comment:				
Field #: 9 Date Analyzed: 10/24/01 Color: Tan Location: Apt 30L bedroom floor Type of Mat: Misc. Mat. Homogenity: Y By: MW Method: ELAP+EPA PLM	None Detected	20% Cellulose 30% Fiberglass	50% Mineral Filler	
Comment:				
Field #: 10 Date Analyzed: 10/24/01 Color: Tan Location: Apt 30n living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: MW Method: ELAP+EPA PLM	None Detected	20% Cellulose 30% Fiberglass	50% Mineral Filler	
Comment:				

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material)

Analyst:

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC-WTC_000121597

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3145
Date Collected: 10/22/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #: 11 Date Analyzed: 10/24/01 Color: Tan Location: Apt 30N bedroom 2 window sill Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.6% Organic 36.6% Residue 50.8% Carbonate
	Comment:			
Field #: 12 Date Analyzed: 10/24/01 Color: Tan Location: Apt 30P living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.1% Organic 39.8% Residue 48.1% Carbonate
	Comment:			
Field #: 13 Date Analyzed: 10/24/01 Color: Tan Location: Apt 30P livng room window sill Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.4% Organic 31.7% Residue 55.9% Carbonate
	Comment:			
Field #: 14 Date Analyzed: 10/24/01 Color: Tan Location: Apt 30A living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.4% Organic 22.9% Residue 64.7% Carbonate
	Comment:			
Field #: 15 Date Analyzed: 10/24/01 Color: Tan Location: Apt 30B living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: MW/MP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			14.3% Organic 52.1% Residue 33.6% Carbonate
	Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Reviewed and Signed for the Company by:

Analyst: MW/MP

Director of Laboratory Services

NYC-WTC_000121598

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3145
Date Collected: 10/22/01

SAMPLE INFORMATION				Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #:	16	Date Analyzed:	10/24/01	1.8% Chrysotile	18.2% Cellulose 30.0% Fiberglass	50% Mineral Filler	
Color:	Tan						
Location:	Apt28N living room window sill						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	MW				
Method:	ELAP+EPA PLM			Comment:			
Field #:	17	Date Analyzed:	10/24/01	Trace Chrysotile			12.3% Organic 35.8% Residue 51.9% Carbonate
Color:	Tan						
Location:	Apt 28A living room window sill						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	MW/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	18	Date Analyzed:	10/24/01	Trace Chrysotile			11.9% Organic 52.5% Residue 35.6% Carbonate
Color:	Tan						
Location:	Apt 28B bedroom floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	MW/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	19	Date Analyzed:	10/24/01	Trace Chrysotile			12.1% Organic 61.7% Residue 26.2% Carbonate
Color:	Tan						
Location:	Apt 27N living room window sill						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	MW/MP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	20	Date Analyzed:	10/24/01	None Detected	15% Cellulose 60% Fiberglass	25% Mineral Filler	
Color:	Tan						
Location:	Apt 27N living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	MW				
Method:	ELAP+EPA PLM			Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst:

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC-WTC_000121599

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3145
Date Collected: 10/22/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #: 21 Date Analyzed: 10/24/01 Color: Grey Location: Apt 27P living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			10.3% Organic 57.5% Residue 32.2% Carbonate
	Comment:			
Field #: 22 Date Analyzed: 10/24/01 Color: Grey Location: Apt 26L living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			10.5% Organic 70.4% Residue 19.1% Carbonate
	Comment:			
Field #: 23 Date Analyzed: 10/24/01 Color: Grey Location: Apt 26M living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.4% Organic 60.6% Residue 28.0% Carbonate
	Comment:			
Field #: 24 Date Analyzed: 10/24/01 Color: Grey Location: Apt 26N living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.2% Organic 73.9% Residue 13.9% Carbonate
	Comment:			
Field #: 25 Date Analyzed: 10/24/01 Color: Grey Location: Apt 26B living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.4% Organic 82.2% Residue 6.4% Carbonate
	Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst:

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3145
Date Collected: 10/22/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[illegible] #: 26 Date Analyzed: 10/24/01 [illegible]lor: Grey Location: Apt 26C living room floor Type of Mat: Misc. Mat. Homogenity: Y By: YP/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			10.7% Organic 77.0% Residue 12.3% Carbonate
	Comment:			
Field #: 27 Date Analyzed: 10/24/01 Color: Grey Location: Apt 26P living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP Method: ELAP+EPA PLM	3% Chrysotile	27% Cellulose 34% Fiberglass	36% Mineral Filler	
	Comment:			
Field #: 28 Date Analyzed: 10/24/01 Color: Grey Location: Apt 25M living room floor [illegible]e of Mat: Misc. Mat. [illegible]mogenity: Y By: YP Method: ELAP+EPA PLM	2.6% Chrysotile	19.4% Cellulose 29.0% Fiberglass	49% Mineral Filler	
	Comment:			
Field #: 29 Date Analyzed: 10/24/01 Color: Grey Location: Apt25P living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP/RP Method: ELAP+EPA PLM NOB-PLM/TEM	0.4% Chrysotile			27.1% Organic 39.3% Residue 33.2% Carbonate
	Comment:			
Field #: 30 Date Analyzed: 10/24/01 Color: Grey Location: Apt 25A living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.9% Organic 54.1% Residue 33.0% Carbonate
	Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Reviewed and Signed for the Company by:

Analyst: [illegible]

[illegible]
Director of Laboratory Services

NYC-WTC_000121601

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3145
Date Collected: 10/22/01

Project: Gateway Plaza Management
395 South End Avenue
Building 600

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #: 31 **Date Analyzed:** 10/24/01 **Color:** Grey **Location:** Apt 25B living room window sill **Type of Mat:** Misc. Mat. **Homogenity:** Y **By:** YP/RP **Method:** ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.0% Organic 41.0% Residue 47.0% Carbonate
	Comment:			
Field #: 32 **Date Analyzed:** 10/24/01 **Color:** Grey **Location:** Apt 24P living room floor **Type of Mat:** Misc. Mat. **Homogenity:** Y **By:** YP/RP **Method:** ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			5.6% Organic 73.9% Residue 20.5% Carbonate
	Comment:			
Field #: 33 **Date Analyzed:** 10/24/01 **Color:** Grey **Location:** Apt24P living room window sill **Type of Mat:** Misc. Mat. **Homogenity:** Y **By:** YP **Method:** ELAP+EPA PLM	1.3% Chrysotile	10.2% Cellulose 20.5% Fiberglass	68% Mineral Filler	
	Comment:			
Field #: 34 **Date Analyzed:** 10/24/01 **Color:** Grey **Location:** Apt 24N living room window sill **Type of Mat:** Misc. Mat. **Homogenity:** Y **By:** YP/RP **Method:** ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			5.6% Organic 75.3% Residue 19.1% Carbonate
	Comment:			
Field #: 35 **Date Analyzed:** 10/24/01 **Color:** Grey **Location:** Apt 24A living room window sill **Type of Mat:** Misc. Mat. **Homogenity:** Y **By:** YP/RP **Method:** ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			5.5% Organic 53.8% Residue 40.7% Carbonate
	Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst: ML + YP/RP

Reviewed and Signed for the Company by: ML

Director of Laboratory Services

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3145
Date Collected: 10/22/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #: 36 Date Analyzed: 10/24/01 Color: Grey Location: Apt 24B living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			6.2% Organic 62.8% Residue 31.0% Carbonate
	Comment:			
Field #: 37 Date Analyzed: 10/24/01 Color: Grey Location: Apt 23N living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			38.1% Organic 41.4% Residue 20.5% Carbonate
	Comment:			
Field #: 38 Date Analyzed: 10/24/01 Color: Grey Location: Apt 23P living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			8.5% Organic 62.3% Residue 29.2% Carbonate
	Comment:			
Field #: 39 Date Analyzed: 10/24/01 Color: Grey Location: Apt 23B living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			8.7% Organic 42.2% Residue 49.1% Carbonate
	Comment:			
Field #: 40 Date Analyzed: 10/24/01 Color: Grey Location: Apt 23A living room window sill Type of Mat: Misc. Mat. Homogenity: Y By: YP Method: ELAP+EPA PLM	4.5% Chrysotile	24.5% Cellulose 12.0% Fiberglass	59% Mineral Filler	
	Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst: YP RP

Reviewed and Signed for the Company by: ML

Director of Laboratory Services

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3145
Date Collected: 10/22/01

Project: Gateway Plaza Management
395 South End Avenue
Building 600

SAMPLE INFORMATION			
[redacted] #:	41	Date Analyzed:	10/24/01
Color:	Grey		
Location:	Apt 23N living room floor		
Type of Mat:	Misc. Mat.		
Homogenity:	Y	By:	YP/RP
Method:	ELAP+EPA PLM NOB-PLM/TEM		

Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Trace Chrysotile			18.2% Organic 42.4% Residue 39.4% Carbonate

Comment:

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst: WL for YP/RP

Reviewed and Signed for the Company by:

Director of Laboratory Services

ALC Environmental Inc. # 3145

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 22 / 01

PROJECT NAME: Gateway Plaza Mgmt.
PROJECT ADDRESS: 395 South End Avenue - Building 600

TURN AROUND TIME 2hr ___ 6hr ___ 12hr ✓ 24hr ___ 72hr ___ Other ___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	1	Misc	Apt 33P - livingrm - WSill		
	2		Apt. 33P - livingrm - floor		
	3		- 33N - livingrm - WSill		
	4		- 31P - livingrm - WSill		
	5		- 31A - livingrm - WSill		
	6		- 31B - livingrm - WSill		
	7		- 30L - livingrm - WSill		
	8		- 30L - livingrm - floor		
	9		- 30L - Bedrm - floor		
	10		- 30N - livingrm - WSill		
	11		- 30N - Bedrm 2 - WSill		
	12		- 30N - Bedrm 2 - floor		
	13		- 30P - livingrm - WSill		
	14		- 30A - livingrm - WSill		
	15		- 30B - livingrm - WSill		
	16		- 28N - livingrm - WSill		
	17		- 28A - livingrm - WSill		
	18		- 28B - Bedrm - floor		
	19		- 27N - livingrm - WSill		
	20		- 27N - livingrm - floor		

Field Comments:

Relinquished by: A. R. Blake Date: 10-22-01
Received by: M. Grad Date: 10/23/01
Laboratory Name:

4 / PLM < 24
3 / NOB TEM

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

NYC 9/11 Public Portal Document

ALC Environmental Inc.

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10/22/01

PROJECT NAME: Gateway Plaza MGMT

PROJECT ADDRESS: 395 Southend ave. - Bldg 600

TURN AROUND TIME 2hr____ 6hr____ 12hr✓ 24hr____ 72hr____ Other____

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	21	MISC	#27P, Living Rm, WS		
	22		#26L, Living Rm, WS		
	23		#26M, Living Rm, WS		
	24		#26N, Living Rm, WS		
	25		#26B, Living Rm, WS		
	26		#26C, Living Rm, FLR		
	27		#26P, Living Rm, WS		
	28		#25M, Living Rm, FLR		
	29		#25P, Living Rm, WS		
	30		#25A, Living Rm, WS		
	31		#25B, Living Rm, WS		
	32		#24P, Living Rm, FLR		
	33		#24P, Living Rm, WS		
	34		#24N, Living Rm, WS		
	35		#24A, Living Rm, WS		
	36		#24B, Living Rm, WS		
	37		#23N, Living Rm, WS		
	38		#23P, Living Rm, WS		
	39		#23B, Living Rm, WS		
	40		#23A, Living Rm, WS		

Field Comments:

Relinquished by: A. R. Blake Date: 10-22-01

Received by: M. Gorski Date: 10/23/01

Laboratory Name:

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

NYC-WTC_000121606

ALC Environmental Inc. #3145

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 22 / 01

PROJECT NAME: Gateway Plaza MGmt.
PROJECT ADDRESS: 395 Southend ave. Bldg. 600

TURN AROUND TIME 2hr ___ 6hr ___ 12hr ✓ 24hr ___ 72hr ___ Other ___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	#41	MISC	#23N, living Rm. flr		

Field Comments:

Relinquished by: A. R. Blake Date: 10-22-01
Received by: M. Grant Date: 10/23/01
Laboratory Name:

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10878
Microscope OLYC BH-2

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/23/01 Analyst _____ Batch No. 3145

	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. 01	Color Tan Texture F	Morphology W Extinction P	1.9 Chrysotile	18.1 Cellulose	5 Mineral Filler	___ Organic
Gravimetric (NOB) Required ☐	Homogenity Y	RI l 6 RI ll	___ Amosite	3.0 Fiberglass	___ Organic Binders	___ Residue
Recommended ☐	# of Layers 1 Asbestos ☒ ☐	DS Color Y Color,Pleo Tn	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric PREP ☐					___ Other	___ Other
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Bref L Sign +				___ Asbestos
Gravimetric (NOB) TEM ☐	Comments:					
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA' ☐ ELAP ☐ EPA' ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA' First 4 preps. Asbestos = 0					

1.9% chrysotile

	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
2 Field No. 02	Color Tan Texture F	Morphology W Extinction P	2.1 Chrysotile	17.9 Cellulose	5 Mineral Filler	___ Organic
Gravimetric (NOB) Required ☐	Homogenity Y	RI l RI ll	___ Amosite	3.0 Fiberglass	___ Organic Binders	___ Residue
Recommended ☐	# of Layers 1 Asbestos ☒ ☐	DS Color Y Color,Pleo Tn	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric PREP ☐					___ Other	___ Other
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Bref L Sign +				___ Asbestos
Gravimetric (NOB) TEM ☐	Comments:					
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA' ☐ ELAP ☐ EPA' ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA' First 4 preps. Asbestos = 0					

Q.C. ☐

	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
3 Field No. 03	Color Tan Texture F	Morphology W Extinction P	Tr Chrysotile	2.0 Cellulose	5 Mineral Filler	16.0 Organic
Gravimetric (NOB) Required ☐	Homogenity Y	RI l 8 RI ll	___ Amosite	3.0 Fiberglass	___ Organic Binders	43.1 Residue
Recommended ☒	# of Layers 1 Asbestos ☒ ☐	DS Color Y Color,Pleo Cy	___ Other	___ Other	___ Vermiculite	40.9 Carbonate
Gravimetric PREP ☐					___ Other	— Other
Gravimetric (NOB) PLM ☒	Color of Layer ___ Detected Yes No	Bref L Sign +				Tr Asbestos
Gravimetric (NOB) TEM ☐	Comments:					Clay.
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA' ☐ ELAP ☐ EPA' ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA' First 4 preps. Asbestos = 0					

Q.C. ☐

	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
4 Field No. 04	Color Tan Texture F	Morphology W Extinction P	Tr Chrysotile	2.0 Cellulose	5 Mineral Filler	12.3 Organic
Gravimetric (NOB) Required ☐	Homogenity Y	RI l RI ll	___ Amosite	3.0 Fiberglass	___ Organic Binders	36.7 Residue
Recommended ☒	# of Layers 1 Asbestos ☒ ☐	DS Color Y Color,Pleo Cy	___ Other	___ Other	___ Vermiculite	51.0 Carbonate
Gravimetric PREP ☐					___ Other	— Other
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Bref L Sign +				Tr Asbestos
Gravimetric (NOB) TEM ☐	Comments:					Clay.
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA' ☐ ELAP ☐ EPA' ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA' First 4 preps. Asbestos = 0					

Q.C. ☐

NYC 9/11 Public Portal Document

NYC-WTC_000121608

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 11878
Microscope OLYP BH 2

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/19/01 Analyst _____ Batch No. 3145

	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. C5 Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐ POINT COUNT RESULTS ON THE BACK	Color Tan Texture F Homogenity H # of Layers — Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI l Lo RI ll Hi DS Color Lt Y Color,Pleo Cl Biref L Sign +	0.5 Chrysotile — Amosite — Other	15 Cellulose 3 Fiberglass — Other	5 Mineral Filler — Organic Binders — Vermiculite — Other	7.0 Organic 60.1 Residue 32.9 Carbonate — Other TR Asbestos Clear.
	Method: ☒ EPA 600 + EPA 1000 ☐ EPA 600 ☐ EPA 1000 ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA 1000 First 4 preps. Asbestos = 0			Q.C. ☐		
2 Field No. C6 Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☒ Gravimetric (NOB) PLM ☒ Gravimetric (NOB) TEM ☒ POINT COUNT RESULTS ON THE BACK	Color Tan Texture F Homogenity H # of Layers 2 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI l Lo RI ll Hi DS Color Lt Y Color,Pleo Cl Biref — Sign +	0.5 Chrysotile — Amosite — Other	15 Cellulose 3 Fiberglass — Other	5 Mineral Filler — Organic Binders — Vermiculite — Other	22.4 Organic 43.6 Residue 34.0 Carbonate — Other TR Asbestos Clear.
	Method: ☒ EPA 600 + EPA 1000 ☐ EPA 600 ☐ EPA 1000 ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA 1000 First 4 preps. Asbestos = 0			Q.C. ☐		
3 Field No. C7 Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☒ Gravimetric (NOB) PLM ☒ Gravimetric (NOB) TEM ☒ POINT COUNT RESULTS ON THE BACK	Color Tan Texture F Homogenity H # of Layers 2 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI l Lo RI ll Hi DS Color Lt Y Color,Pleo Cl Biref L Sign +	TR Chrysotile — Amosite — Other	20 Cellulose 3 Fiberglass — Other	5 Mineral Filler — Organic Binders — Vermiculite — Other	12.6 Organic 49.9 Residue 37.5 Carbonate — Other TR Asbestos Clear
	Method: ☒ EPA 600 + EPA 1000 ☐ EPA 600 ☐ EPA 1000 ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA 1000 First 4 preps., Asbestos = 0			Q.C. ☐		
4 Field No. C8 Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☒ Gravimetric (NOB) PLM ☒ Gravimetric (NOB) TEM ☒ POINT COUNT RESULTS ON THE BACK	Color Tan Texture F Homogenity H # of Layers 2 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI l Lo RI ll Hi DS Color Lt Y Color,Pleo Cl Biref L Sign +	TR Chrysotile — Amosite — Other	20 Cellulose 3 Fiberglass — Other	5 Mineral Filler — Organic Binders — Vermiculite — Other	12.4 Organic 42.1 Residue 45.5 Carbonate — Other TR Asbestos Clear.
	Method: ☒ EPA 600 + EPA 1000 ☐ EPA 600 ☐ EPA 1000 ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA 1000 First 4 preps. Asbestos = 0			Q.C. ☐		

NYC 9/11 Public Portal Document

NYC-WTC_000121609

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYP BH-2

Client / Project: ALC Env./Gataway Plaza Mgmt. Project No. ____

Analysis Date: 10/24/01 Analyst: [illegible] Batch No. 3145

1 Field No. 09	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: ___ Extinction: ___	___ Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☐	Homogenity: X	RI I: ___ RI II: ___	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: X Asbestos ☐ ☒	DS Color: ___ Color, Pleo: ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected Yes No	Biref: ___ Sign: ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

2 Field No. 10	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: ___ Extinction: ___	___ Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☐	Homogenity: X	RI I: ___ RI II: ___	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: X Asbestos ☐ ☒	DS Color: ___ Color, Pleo: ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected Yes No	Biref: ___ Sign: ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

3 Field No. 11	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WF Extinction: II	0.25 Chrysotile	19.75 Cellulose	50 Mineral Filler	12.6 Organic
Recommended ☒	Homogenity: X	RI I: [illegible] RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	36.6 Residue
Gravimetric PREP ☒	# of Layers: X Asbestos ☒ ☐	DS Color: [illegible] Color, Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	50.8 Carbonate
Gravimetric (NOB) PLM ☒	Color of Layer: ___ Detected Yes No	Biref: [illegible] Sign: +			___ Other	— Other
Gravimetric (NOB) TEM ☒	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Chr.

4 Field No. 12	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WF Extinction: II	TR Chrysotile	20 Cellulose	50 Mineral Filler	12.1 Organic
Recommended ☒	Homogenity: X	RI I: [illegible] RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	39.8 Residue
Gravimetric PREP ☒	# of Layers: X Asbestos ☒ ☐	DS Color: [illegible] Color, Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	48.1 Carbonate
Gravimetric (NOB) PLM ☒	Color of Layer: ___ Detected Yes No	Biref: [illegible] Sign: +			___ Other	— Other
Gravimetric (NOB) TEM ☒	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Chr.

NYC-WTC_000121610

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYP BH-2

Client / Project: ALC Env. / Gataway Plaza Mgmt. Project No. ____

Analysis Date: 10/24/01 Analyst: [illegible] Batch No. 3145

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. 13	Color: Tan; Texture: [illegible]; Homogenity: [illegible]; # of Layers: [illegible]; Asbestos: ☒ ☐; Color of Layer: ____; Detected: Yes No	Morphology: [illegible]; Extinction: [illegible]; RI I: [illegible]; RI II: [illegible]; DS Color: [illegible]; Color, Pleo: [illegible]; Biref: [illegible]; Sign: [illegible]	TR Chrysotile; ____ Amosite; ____ Other	20 Cellulose; 30 Fiberglass; ____ Other	50 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	12.4 Organic; 31.7 Residue; 55.9 Carbonate; — Other; TR Asbestos; Chr.
2 Field No. 14	Color: Tan; Texture: F; Homogenity: [illegible]; # of Layers: [illegible]; Asbestos: ☒ ☐; Color of Layer: ____; Detected: Yes No	Morphology: [illegible]; Extinction: [illegible]; RI I: [illegible]; RI II: [illegible]; DS Color: [illegible]; Color, Pleo: [illegible]; Biref: [illegible]; Sign: [illegible]	TR Chrysotile; ____ Amosite; ____ Other	20 Cellulose; 30 Fiberglass; ____ Other	50 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	12.4 Organic; 22.9 Residue; 64.7 Carbonate; — Other; TR Asbestos; Chr
3 Field No. 15	Color: Tan; Texture: F; Homogenity: [illegible]; # of Layers: [illegible]; Asbestos: ☒ ☐; Color of Layer: ____; Detected: Yes No	Morphology: [illegible]; Extinction: [illegible]; RI I: [illegible]; RI II: 1.0[illegible]; DS Color: [illegible]; Color, Pleo: [illegible]; Biref: [illegible]; Sign: [illegible]	0.25 Chrysotile; ____ Amosite; ____ Other	____ Cellulose; ____ Fiberglass; ____ Other	____ Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	14.3 Organic; 52.1 Residue; 33.6 Carbonate; — Other; TR Asbestos; Chr.
4 Field No. 16	Color: Tan; Texture: F; Homogenity: [illegible]; # of Layers: [illegible]; Asbestos: ☒ ☐; Color of Layer: ____; Detected: Yes No	Morphology: [illegible]; Extinction: [illegible]; RI I: [illegible]; RI II: [illegible]; DS Color: [illegible]; Color, Pleo: [illegible]; Biref: [illegible]; Sign: [illegible]	1.8 Chrysotile; ____ Amosite; ____ Other	18.2 Cellulose; 30 Fiberglass; ____ Other	50 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	____ Organic; ____ Residue; ____ Carbonate; ____ Other; ____ Asbestos

Gravimetric (NOB): Required ☐; Recommended ☒; Gravimetric PREP ☒; Gravimetric (NOB) PLM ☐; Gravimetric (NOB) TEM ☒

POINT COUNT RESULTS ON THE BACK

Comments:

Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0

Q.C. ☐

Q.C. ☒ 2% chr. 4 Prep

NYC 9/11 Public Portal Document

NYC-WTC_000121611

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYP BH-2

Client / Project: ALC Env. / Gataway Plaza Mgmt. Project No. ____

Analysis Date: 10/24/01 Analyst: [illegible] Batch No. 3145

1 Field No. 17	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan; Texture: F	Morphology: WF; Extinction: ∥	0.25 Chrysotile	19.75 Cellulose	50 Mineral Filler	12.3 Organic
Recommended ☑	Homogenity: X	RI ∥: [illegible]; RI ⊥: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	35.8 Residue
Gravimetric PREP ☑	# of Layers: X; Asbestos ☒ ☐	DS Color: [illegible]; Color, Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	57.9 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected Yes No	Biref: [illegible]; Sign: [illegible]			___ Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Chr.

2 Field No. 18	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan; Texture: F	Morphology: WF; Extinction: ∥	0.25 Chrysotile	19.75 Cellulose	50 Mineral Filler	11.9 Organic
Recommended ☑	Homogenity: X	RI ∥: [illegible]; RI ⊥: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	52.5 Residue
Gravimetric PREP ☑	# of Layers: X; Asbestos ☒ ☐	DS Color: [illegible]; Color, Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	35.6 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: ___; Detected Yes No	Biref: [illegible]; Sign: [illegible]			___ Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Chr.

3 Field No. 19	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan; Texture: F	Morphology: WF; Extinction: ∥	TR Chrysotile	20 Cellulose	5 Mineral Filler	12.1 Organic
Recommended ☑	Homogenity: X	RI ∥: [illegible]; RI ⊥: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	61.7 Residue
Gravimetric PREP ☑	# of Layers: X; Asbestos ☒ ☐	DS Color: [illegible]; Color, Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	26.2 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected Yes No	Biref: [illegible]; Sign: [illegible]			___ Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Chr.

4 Field No. 20	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan; Texture: F	Morphology: ___; Extinction: ___	___ Chrysotile	15 Cellulose	25 Mineral Filler	___ Organic
Recommended ☐	Homogenity: X	RI ∥: ___; RI ⊥: ___	___ Amosite	60 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: X; Asbestos ☐ ☒	DS Color: ___; Color, Pleo: ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected Yes No	Biref: ___; Sign: ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

NYC-WTC_000121612

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10870
Microscope OLYP BH-2

Client / Project ALC Env./Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/24/02 Analyst Reyes Batch No. 3145

	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. 21	Color Grey Texture Fn	Morphology W Extinction P	0.75 Chrysotile	7.25 Cellulose	79 Mineral Filler	10.3 Organic
Gravimetric (NOB) Required ☐	Homogenity H	RI l 1.549 RI h 1.555	___ Amosite	13 Fiberglass	___ Organic Binders	57.5 Residue
Recommended ☒	# of Layers 1	Asbestos ☒ ☐ DS Color Blue	___ Other	___ Other	___ Vermiculite	32.2 Carbonate
Gravimetric PREP ☒		Color,Pleo CL			___ Other	— Other
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Bref L Sign P		a.c. ☐		TR Asbestos
Gravimetric (NOB) TEM ☒	Comments:					Clay.
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹	First 4 preps. Asbestos = 0				

	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
2 Field No. 22	Color Grey Texture Fn	Morphology W Extinction P	TR Chrysotile	6 Cellulose	41 Mineral Filler	10.5 Organic
Gravimetric (NOB) Required ☐	Homogenity H	RI l 1.549 RI h 1.556	___ Amosite	53 Fiberglass	___ Organic Binders	70.4 Residue
Recommended ☒	# of Layers 1	Asbestos ☒ ☐ DS Color Blue	___ Other	___ Other	___ Vermiculite	19.1 Carbonate
Gravimetric PREP ☒		Color,Pleo CL			___ Other	— Other
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Bref L Sign P		a.c. ☐		TR Asbestos
Gravimetric (NOB) TEM ☒	Comments:					Clay.
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹	First 4 preps. Asbestos = 0				

	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
3 Field No. 23	Color Grey Texture Fn	Morphology W Extinction P	0.75 Chrysotile	23.0 Cellulose	39 Mineral Filler	11.4 Organic
Gravimetric (NOB) Required ☐	Homogenity H	RI l 1.549 RI h 1.555	___ Amosite	37.25 Fiberglass	___ Organic Binders	60.6 Residue
Recommended ☒	# of Layers 1	Asbestos ☒ ☐ DS Color Blue	___ Other	___ Other	___ Vermiculite	28.0 Carbonate
Gravimetric PREP ☒		Color,Pleo CL			___ Other	— Other
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Bref L Sign P		a.c. ☐		TR Asbestos
Gravimetric (NOB) TEM ☒	Comments:					Clay.
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹	First 4 preps. Asbestos = 0				

	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
4 Field No. 24	Color Grey Texture Fn	Morphology W Extinction P	0.5 Chrysotile	22.5 Cellulose	52 Mineral Filler	13.2 Organic
Gravimetric (NOB) Required ☐	Homogenity H	RI l 1.549 RI h 1.556	___ Amosite	2.5 Fiberglass	___ Organic Binders	73.9 Residue
Recommended ☒	# of Layers 1	Asbestos ☒ ☐ DS Color Blue	___ Other	___ Other	___ Vermiculite	13.9 Carbonate
Gravimetric PREP ☒		Color,Pleo CL			___ Other	— Other
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Bref L Sign P		a.c. ☐		TR Asbestos
Gravimetric (NOB) TEM ☒	Comments:					Clay.
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹	First 4 preps. Asbestos = 0				

NYC 9/11 Public Portal Document

NYC-WTC_000121613

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10878
Microscope OLYP BH 2

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/24/07 Analyst C Reyes. Batch No. 3145

1 Field No. 25	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Grey Texture Fair	Morphology W Extinction P	0.25 Chrysotile	21.25 Cellulose	48 Mineral Filler	11.4 Organic
Recommended ☒	Homogeneity —	RI ‖ 1.549 RI ⊥ 1.555	____ Amosite	30.5 Fiberglass	____ Organic Binders	82.2 Residue
Gravimetric PREP ☒	# of Layers 1 Asbestos ☒ ☐	DS Color — Color,Pleo cr	____ Other	____ Other	____ Vermiculite	6.4 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref — Sign P			____ Other	— Other
Gravimetric (NOB) TEM ☒	Comments:			a.c. ☐		TR Asbestos
Point Count Results on the Back	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clr.

2 Field No. 26	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Grey Texture Fair	Morphology W Extinction P	0.5 Chrysotile	23 Cellulose	46 Mineral Filler	10.7 Organic
Recommended ☒	Homogeneity —	RI ‖ 1.549 RI ⊥ 1.558	____ Amosite	30.5 Fiberglass	____ Organic Binders	77.0 Residue
Gravimetric PREP ☒	# of Layers 1 Asbestos ☒ ☐	DS Color — Color,Pleo cr	____ Other	____ Other	____ Vermiculite	12.3 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref — Sign P			____ Other	— Other
Gravimetric (NOB) TEM ☒	Comments:			a.c. ☐		TR Asbestos
Point Count Results on the Back	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clr.

3 Field No. 27	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Grey Texture Fair	Morphology W Extinction P	3 Chrysotile	27 Cellulose	36 Mineral Filler	____ Organic
Recommended ☐	Homogeneity —	RI ‖ 1.549 RI ⊥ 1.556	____ Amosite	34 Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers 1 Asbestos ☒ ☐	DS Color — Color,Pleo cr	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref — Sign P			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:			a.c. ☒ 2.5% Chrysotile		____ Asbestos
Point Count Results on the Back	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

4 Field No. 28	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Grey Texture Fair	Morphology W Extinction P	2.6 Chrysotile	19.4 Cellulose	49 Mineral Filler	____ Organic
Recommended ☐	Homogeneity —	RI ‖ 1.549 RI ⊥ 1.556	____ Amosite	29 Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers 1 Asbestos ☒ ☐	DS Color — Color,Pleo cr	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref — Sign P			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:			a.c. ☐		____ Asbestos
Point Count Results on the Back	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

NYC 9/11 Public Portal Document

NYC-WTC_000121614

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101167
ELAP 10879
Microscope OLYP BH 2

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/24/0 Analyst Greg. Batch No. 3145

1 Field No. 24	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Grey Texture Fine	Morphology W Extinction P	0.5 Chrysotile	31.5 Cellulose	38 Mineral Filler	27.1 Organic
Recommended ☒	Homogenity H	RI ⊥ 1.548 RI ∥ 1.556	___ Amosite	30 Fiberglass	___ Organic Binders	39.3 Residue
Gravimetric PREP ☒	# of Layers ___ Asbestos ☒ ☐	DS Color Brn Color,Pleo ce	___ Other	___ Other	___ Vermiculite	33.2 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☒	Comments:			Q.C. ☐		0.4 Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clr.

2 Field No. 30	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Grey Texture Fine	Morphology W Extinction P	0.5 Chrysotile	22 Cellulose	46 Mineral Filler	12.9 Organic
Recommended ☒	Homogenity H	RI ⊥ 1.548 RI ∥ 1.555	___ Amosite	31.5 Fiberglass	___ Organic Binders	54.1 Residue
Gravimetric PREP ☒	# of Layers ___ Asbestos ☒ ☐	DS Color Brn Color,Pleo ce	___ Other	___ Other	___ Vermiculite	33.0 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☒	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clr.

3 Field No. 31	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Grey Texture Fine	Morphology W Extinction P	0.75 Chrysotile	21 Cellulose	40 Mineral Filler	12.0 Organic
Recommended ☒	Homogenity H	RI ⊥ 1.548 RI ∥ 1.555	___ Amosite	38.25 Fiberglass	___ Organic Binders	41.0 Residue
Gravimetric PREP ☒	# of Layers ___ Asbestos ☒ ☐	DS Color Brn Color,Pleo ce	___ Other	___ Other	___ Vermiculite	47.0 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☒	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clr.

4 Field No. 32	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Grey Texture Fine	Morphology W Extinction P	0.75 Chrysotile	11.25 Cellulose	61 Mineral Filler	5.6 Organic
Recommended ☒	Homogenity H	RI ⊥ 1.548 RI ∥ 1.556	___ Amosite	24 Fiberglass	___ Organic Binders	73.4 Residue
Gravimetric PREP ☒	# of Layers ___ Asbestos ☒ ☐	DS Color Brn Color,Pleo ce	___ Other	___ Other	___ Vermiculite	20.5 Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☒	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clr.

NYC 9/11 Public Portal Document

NYC-WTC_000121615

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYP BH 2

Client / Project: ALC Env. / Gataway Plaza Mgmt. Project No. ____

Analysis Date: 10/24/01 Analyst: [illegible] Batch No. 3145

1 Field No. 33	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: Fn	Morphology: W; Extinction: ll	1.3 Chrysotile	10.2 Cellulose	68 Mineral Filler	___ Organic
Recommended ☐	Homogenity: Y	RI I: 1.5[illegible]9; RI II: 1.556	___ Amosite	20.5 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: ___; Asbestos: ☑ ☐	DS Color: [illegible]; Color, Pleo: cl	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: [illegible]; Sign: [illegible]			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

2 Field No. 34	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: Fn	Morphology: W; Extinction: ll	0.75 Chrysotile	10.25 Cellulose	76 Mineral Filler	5.6 Organic
Recommended ☑	Homogenity: Y	RI I: 1.5[illegible]9; RI II: 1.556	___ Amosite	13 Fiberglass	___ Organic Binders	75.3 Residue
Gravimetric PREP ☑	# of Layers: ___; Asbestos: ☑ ☐	DS Color: [illegible]; Color, Pleo: cl	___ Other	___ Other	___ Vermiculite	19.1 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: ___; Detected: Yes No	Biref: [illegible]; Sign: [illegible]			___ Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clr.

3 Field No. 35	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: Fn	Morphology: W; Extinction: ll	0.5 Chrysotile	13 Cellulose	62 Mineral Filler	5.5 Organic
Recommended ☑	Homogenity: Y	RI I: 1.5[illegible]9; RI II: 1.55[illegible]	___ Amosite	24.5 Fiberglass	___ Organic Binders	53.8 Residue
Gravimetric PREP ☑	# of Layers: ___; Asbestos: ☑ ☐	DS Color: [illegible]; Color, Pleo: cl	___ Other	___ Other	___ Vermiculite	40.7 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: ___; Detected: Yes No	Biref: [illegible]; Sign: [illegible]			___ Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clr.

4 Field No. 36	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: Fn	Morphology: W; Extinction: ll	0.5 Chrysotile	16.5 Cellulose	58 Mineral Filler	6.2 Organic
Recommended ☑	Homogenity: Y	RI I: 1.5[illegible]9; RI II: 1.556	___ Amosite	25 Fiberglass	___ Organic Binders	62.8 Residue
Gravimetric PREP ☑	# of Layers: ___; Asbestos: ☑ ☐	DS Color: [illegible]; Color, Pleo: cl	___ Other	___ Other	___ Vermiculite	31.0 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: ___; Detected: Yes No	Biref: [illegible]; Sign: [illegible]			___ Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clr.

NYC-WTC_000121616

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYP BH-2

Client / Project: ALC Env. / Gataway Plaza Mgmt. Project No. _____

Analysis Date: 10/24/0 Analyst: [illegible] Batch No. 3145

1 Field No. 37	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: Fn	Morphology: W; Extinction: 11	0.5 Chrysotile	13.5 Cellulose	30 Mineral Filler	38.1 Organic
Recommended ☑	Homogenity: Y	RI I: 1.549; RI II: 1.556	___ Amosite	10 Fiberglass	46 Organic Binders	41.4 Residue
Gravimetric PREP ☑	# of Layers: Y; Asbestos ☑ ☐	DS Color: [illegible]; Color,Pleo: Cl	___ Other	___ Other	___ Vermiculite	20.5 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: ___; Detected Yes No	Biref: L; Sign: l			___ Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clr.

2 Field No. 38	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: Fn	Morphology: W; Extinction: 11	0.75 Chrysotile	13.25 Cellulose	71 Mineral Filler	8.5 Organic
Recommended ☑	Homogenity: Y	RI I: 1.549; RI II: 1.556	___ Amosite	15 Fiberglass	___ Organic Binders	62.3 Residue
Gravimetric PREP ☑	# of Layers: Y; Asbestos ☑ ☐	DS Color: [illegible]; Color,Pleo: Cl	___ Other	___ Other	___ Vermiculite	29.2 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: ___; Detected Yes No	Biref: L; Sign: l			___ Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clr.

3 Field No. 39	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: Fn	Morphology: W; Extinction: 11	0.5 Chrysotile	20.5 Cellulose	61 Mineral Filler	8.7 Organic
Recommended ☑	Homogenity: Y	RI I: 1.549; RI II: 1.556	___ Amosite	18 Fiberglass	___ Organic Binders	42.2 Residue
Gravimetric PREP ☑	# of Layers: Y; Asbestos ☑ ☐	DS Color: [illegible]; Color,Pleo: Cl	___ Other	___ Other	___ Vermiculite	49.1 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer: ___; Detected Yes No	Biref: L; Sign: l			___ Other	— Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clr.

4 Field No. 40	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: FR	Morphology: W; Extinction: 11	4.5 Chrysotile	24.5 Cellulose	59 Mineral Filler	___ Organic
Recommended ☐	Homogenity: Y	RI I: 1.549; RI II: 1.556	___ Amosite	12 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: Y; Asbestos ☑ ☐	DS Color: [illegible]; Color,Pleo: Cl	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected Yes No	Biref: L; Sign: l			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☑ 5% [illegible]		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

NYC-WTC_000121617

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10872
Microscope OLYP BH 2

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/22/10 Analyst URuiz Batch No. 3145

1 Field No. 41	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Grey Texture Fu	Morphology W Extinction P	0.75 Chrysotile	26.25 Cellulose	53 Mineral Filler	15.2 Organic
Recommended ☒	Homogenity 4	RI ∥ 1.548 RI ⊥ 1.553	____ Amosite	20 Fiberglass	____ Organic Binders	42.4 Residue
Gravimetric PREP ☒	# of Layers 1 Asbestos ☒ ☐	DS Color Pa Color,Pleo Pa	____ Other	____ Other	____ Vermiculite	39.4 Carbonate
Gravimetric (NOB) PLM ☒	Color of Layer ____ Detected Yes No	Biref C Sign P			____ Other	____ Other
Gravimetric (NOB) TEM ☒	Comments:		Q.C. ☐			TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Clay

2 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color ____ Texture ____	Morphology ____ Extinction ____	____ Chrysotile	____ Cellulose	____ Mineral Filler	____ Organic
Recommended ☐	Homogenity ____	RI ∥ ____ RI ⊥ ____	____ Amosite	____ Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers ____ Asbestos ☐ ☐	DS Color ____ Color,Pleo ____	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref ____ Sign ____			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:		Q.C. ☐			____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

3 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color ____ Texture ____	Morphology ____ Extinction ____	____ Chrysotile	____ Cellulose	____ Mineral Filler	____ Organic
Recommended ☐	Homogenity ____	RI ∥ ____ RI ⊥ ____	____ Amosite	____ Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers ____ Asbestos ☐ ☐	DS Color ____ Color,Pleo ____	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref ____ Sign ____			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:		Q.C. ☐			____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

4 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color ____ Texture ____	Morphology ____ Extinction ____	____ Chrysotile	____ Cellulose	____ Mineral Filler	____ Organic
Recommended ☐	Homogenity ____	RI ∥ ____ RI ⊥ ____	____ Amosite	____ Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers ____ Asbestos ☐ ☐	DS Color ____ Color,Pleo ____	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref ____ Sign ____			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:		Q.C. ☐			____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

NYC 9/11 Public Portal Document

NYC-WTC_000121618

NYC 9/11 Public Portal Document

ALC Environmental Inc. # 2145

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 22 / 01

PROJECT NAME: Gateway Plaza Mgmt.

PROJECT ADDRESS: 395 South End. Avenue - Building 600

TURN AROUND TIME 2hr____ 6hr____ 12hr 24hr:____ 72hr____ Other____

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	1	Misc.	Apt 33P - livingrm - WSill		
	2		Apt - 33P - livingrm - floor		
	3		- 33N - livingrm - WSill		
	4		- 31P - livingrm - WSill		
	5		- 31A - livingrm - WSill		
	6		- 31B - livingrm - WSill		
	7		- 30L - livingrm - WSill		
	8		- 30L - livingrm - floor		
	9		- 30L - Bedrm - floor		
	10		- 30N - livingrm - WSill		
	11		- 30N - Bedrm 2 - WSill		
	12		- 30N - Bedrm 2 - floor		
	13		- 30P - livingrm - WSill		
	14		- 30A - livingrm - WSill		
	15		- 30B - livingrm - WSill		
	16		- 28N - livingrm - WSill		
	17		- 28A - livingrm - WSill		
	18		- 28B - Bedrm - floor		
	19		- 27N - livingrm - WSill		
	20		- 27N - livingrm - floor		

Field Comments:

Relinquished by: A.R. Blake **Date:** 10-22-01

Received by: M. Grael **Date:** 10/23/01

Laboratory Name:

4 Plm < 24

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

NYC-WTC_000121619

NYC 9/11 Public Portal Document

ALC Environmental Inc. #3145

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10,22,01

PROJECT NAME: Gateway Plaza MGMT.
PROJECT ADDRESS: 395 Southend ave. — Bldg 600

TURN AROUND TIME: 2hr___ 6hr___ 12hr✓ 24hr___ 72hr___ Other___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	21	MISC	#27P, living Rm, WS		
	22		#26L, living Rm, WS		
	23		#26M, living Rm, WS		
	24		#26N, living Rm, WS		
	25		#26B, living Rm, WS		
	26		#26C, living Rm, FLR		
	27		#26P, living Rm, WS		
	28		#25M, living Rm, FLR		
	29		#25P, living Rm, WS		
	30		#25A, living Rm, WS		
	31		#25B, living Rm, WS		
	32		#24P, living Rm, FLR		
	33		#24P, living Rm, WS		
	34		#24N, living Rm, WS		
	35		#24A, living Rm, WS		
	36		#24B, living Rm, WS		
	37		#23N, living Rm, WS		
	38		#23P, living Rm, WS		
	39		#23B, living Rm, WS		
	40		#23A, living Rm, WS		

Field Comments:

Relinquished by: A.R. Blake Date: 10-22-01
Received by: M. Grael Date: 10/23/01
Laboratory Name:

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct: (212) 279-1001 • Fax: (212) 279-6747 • Toll Free: (888)-466-3620

NYC-WTC_000121620

NYC 9/11 Public Portal Document

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	#4	MISC	#23N, Living Rm, Flr		

Field Comments:

Relinquished by: A. R. Blake **Date:** 10-22-01

Received by: M. Broad **Date:** 10/23/01

Laboratory Name:

115 WEST 30TH STREET • 11TH FLOOR • NEW YORK, NY 10001 • DIRECT: (212) 279-1001 • FAX: (212) 279-6747 • TOLL FREE: (888)-466-3620

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101687
ELAP 10811
Microscope OLYM BH-2

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/23/01 Analyst _____ Batch No. 3145

1 Field No. 01	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Gravimetric (HOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (HOB) PLM ☐ Gravimetric (HOB) TEM ☐	Color Tan Texture F Homogeneity Y # of Layers 1 Asbestos No ☐ Color of Layer ____ Detected Yes No Comments:	Morphology W/F Extinction P RI I 1.550 RI II 1.680 OS Color W/L Color,Pleo C Biref L Sign F	1.9 Chrysotile ____ Amosite ____ Other	18.1 Cellulose 3.0 Fiberglass ____ Other	50 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point Count Results on the back	Method: PLM ☐ TOP ☐ DISP ☐ ITA ☐ DRIFT ☐ SCANNING ELECTRON MICROSCOPY (S.E.M.) TEM First 4 grps. Asbestos = 0			N.C. ☐ 1.9% chrysotile		

2 Field No. 02	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Gravimetric (HOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (HOB) PLM ☐ Gravimetric (HOB) TEM ☐	Color Tan Texture F Homogeneity Y # of Layers 1 Asbestos No ☐ Color of Layer ____ Detected Yes No Comments:	Morphology W/F Extinction P RI I 1.550 RI II 1.680 OS Color W/L Color,Pleo C Biref L Sign F	2.4 Chrysotile ____ Amosite ____ Other	17.5 Cellulose 5.0 Fiberglass ____ Other	50 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point Count Results on the back	Method: PLM ☐ TOP ☐ DISP ☐ ITA ☐ DRIFT ☐ SCANNING ELECTRON MICROSCOPY (S.E.M.) TEM First 4 grps. Asbestos = 0			N.C. ☐		

3 Field No. 03	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Gravimetric (HOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (HOB) PLM ☐ Gravimetric (HOB) TEM ☐	Color Tan Texture F Homogeneity Y # of Layers 1 Asbestos No ☐ Color of Layer ____ Detected Yes No Comments:	Morphology W/F Extinction P RI I 1.550 RI II 1.680 OS Color W/L Color,Pleo C Biref L Sign F	Trace Chrysotile ____ Amosite ____ Other	2.0 Cellulose 3.0 Fiberglass ____ Other	50 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point Count Results on the back	Method: PLM ☐ TOP ☐ DISP ☐ ITA ☐ DRIFT ☐ SCANNING ELECTRON MICROSCOPY (S.E.M.) TEM First 4 grps. Asbestos = 0			N.C. ☐		

4 Field No. 04	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Gravimetric (HOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (HOB) PLM ☐ Gravimetric (HOB) TEM ☐	Color Tan Texture F Homogeneity Y # of Layers 1 Asbestos No ☐ Color of Layer ____ Detected Yes No Comments:	Morphology W/F Extinction P RI I 1.550 RI II 1.680 OS Color W/L Color,Pleo C Biref L Sign F	Trace Chrysotile ____ Amosite ____ Other	2.0 Cellulose 3.0 Fiberglass ____ Other	50 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point Count Results on the back	Method: PLM ☐ TOP ☐ DISP ☐ ITA ☐ DRIFT ☐ SCANNING ELECTRON MICROSCOPY (S.E.M.) TEM First 4 grps. Asbestos = 0			N.C. ☐		

NYC 9/11 Public Portal Document

NYC-WTC_000121622

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 0280, FAX (212) 353 - 3599 or 8306

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/2/01 Analyst _____ Batch No. 3145

	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. 05 Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogenity H # of Layers 1 Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology W Extinction P RI l Lw RI h Hi DS Color Pl Color,Pleo G Bire ☾ Sign +	0.5 Chrysotile ____ Amosite ____ Other	19.5 Cellulose 3.0 Fiberglass ____ Other	5 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
	Method: ☒ PLM ☐ TEM ☐ PCM ☐ other ☐ Gravimetric (NOB) (PLM) & TEM Point Count = Asbestos + 0			O.C. ☐		
2 Field No. 06 Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogenity H # of Layers 1 Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology W Extinction P RI l Lw RI h Hi DS Color Wh Color,Pleo G Bire ____ Sign +	0.5 Chrysotile ____ Amosite ____ Other	19.5 Cellulose 3.0 Fiberglass ____ Other	5 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
	Method: ☒ PLM ☐ TEM ☐ PCM ☐ other ☐ Gravimetric (NOB) (PLM) & TEM Point Count = Asbestos + 0			O.C. ☐		
3 Field No. 07 Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogenity H # of Layers 1 Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology W Extinction P RI l Lw RI h Hi DS Color Wh Color,Pleo G Bire ☾ Sign +	Tr Chrysotile ____ Amosite ____ Other	20 Cellulose 3.0 Fiberglass ____ Other	5 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
	Method: ☒ PLM ☐ TEM ☐ PCM ☐ other ☐ Gravimetric (NOB) (PLM) & TEM Point Count = Asbestos + 0			O.C. ☐		
4 Field No. 08 Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogenity H # of Layers 2 Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology W Extinction P RI l Lw RI h Hi DS Color Wh Color,Pleo G Bire ☾ Sign +	Tr Chrysotile ____ Amosite ____ Other	20 Cellulose 3.0 Fiberglass ____ Other	5 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
	Method: ☐ PLM ☐ TEM ☐ PCM ☐ other ☐ Gravimetric (NOB) (PLM) & TEM Point Count = Asbestos + 0			O.C. ☐		

NYC 9/11 Public Portal Document

NYC-WTC_000121623

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101867
ELAP 10878
Microscope 01 VP BH 7

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 6/24/01 Analyst [illegible] Batch No 3145

1 Field No. 09	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (HOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (HOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogeneity # of Layers 4 Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RII ____ RI⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite / Other	20 Cellulose 30 Fiberglass ____ Other	50 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point Count Results on the Back	Method: ☐ PLM (EPA) ☐ PLM ☐ TEM ☐ other ☒ Scanning Optical: PLM (EPA 9002) Five Grps. Asbestos = 0			O.C. ☐		

2 Field No. 10	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (HOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (HOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogeneity # of Layers 4 Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RII ____ RI⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite / Other	20 Cellulose 30 Fiberglass ____ Other	50 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point Count Results on the Back	Method: ☐ PLM (EPA) ☐ PLM ☐ TEM ☐ other ☒ Scanning Optical: PLM (EPA 9002) Five Grps. Asbestos = 0			O.C. ☐		

3 Field No. 11	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (HOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (HOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogeneity # of Layers 4 Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology W Extinction ∥ RII [illegible] RI⊥ [illegible] DS Color [illegible] Color,Pleo [illegible] Biref L Sign [illegible]	0.5 Chrysotile ____ Amosite ____ Other	19.75 Cellulose 3.0 Fiberglass ____ Other	5 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point Count Results on the Back	Method: ☒ PLM (EPA) ☐ PLM ☐ TEM ☐ other ☐ Scanning Optical: PLM (EPA 9002) Five grps. Asbestos = 0			O.C. ☐		

4 Field No. 12	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (HOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (HOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogeneity # of Layers 4 Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology W Extinction ∥ RII [illegible] RI⊥ [illegible] DS Color [illegible] Color,Pleo [illegible] Biref L Sign [illegible]	Tr Chrysotile ____ Amosite ____ Other	20 Cellulose 3.0 Fiberglass ____ Other	5 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point Count Results on the Back	Method: ☐ PLM (EPA) ☐ PLM ☐ TEM ☐ other ☐ Scanning Optical: PLM (EPA 9002) Five grps. Asbestos = 0			O.C. ☐		

NYC 9/11 Public Portal Document

NYC-WTC_000121624

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8300

NVLAP lab id
ELAP lab id
Microscope OLYP BH-2

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/26/01 Analyst [illegible] Batch No. 3145

	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	13	Color Tan. Texture NT Homogenity Y # of Layers 1 Asbestos X Color of Layer —— Detected Yes No Comments:	Morphology W Extinction P RI ⊥ 1.550 RI ∥ 1.570 DS Color W Color,Pleo W Biref — Sign P	10 Chrysotile —— Amosite —— Other	20 Cellulose 30 Fiberglass —— Other	50 Mineral Filler —— Organic Binders —— Vermiculite —— Other	—— Organic —— Residue —— Carbonate —— Other —— Asbestos
2	14	Color Tan Texture F Homogenity Y # of Layers 1 Asbestos X Color of Layer —— Detected Yes No Comments:	Morphology W Extinction P RI ⊥ 1.550 RI ∥ 1.570 DS Color W Color,Pleo W Biref — Sign P	10 Chrysotile —— Amosite —— Other	20 Cellulose 30 Fiberglass —— Other	50 Mineral Filler —— Organic Binders —— Vermiculite —— Other	—— Organic —— Residue —— Carbonate —— Other —— Asbestos
3	15	Color Tan Texture F Homogenity Y # of Layers 1 Asbestos X Color of Layer —— Detected Yes No Comments:	Morphology W Extinction P RI ⊥ 1.550 RI ∥ 1.570 DS Color W Color,Pleo W Biref — Sign P	0.5 Chrysotile —— Amosite —— Other	—— Cellulose —— Fiberglass —— Other	—— Mineral Filler —— Organic Binders —— Vermiculite —— Other	—— Organic —— Residue —— Carbonate —— Other —— Asbestos
4	16	Color Tan Texture F Homogenity Y # of Layers 1 Asbestos X Color of Layer —— Detected Yes No Comments:	Morphology W Extinction P RI ⊥ 1.550 RI ∥ 1.570 DS Color W Color,Pleo W Biref — Sign P	1.5 Chrysotile —— Amosite —— Other	18.2 Cellulose 3.3 Fiberglass —— Other	2 Mineral Filler —— Organic Binders —— Vermiculite —— Other	—— Organic —— Residue —— Carbonate —— Other —— Asbestos

Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point Count Results on the Back

Method: ☒ PLM + DS ☐ DS ☐ TEM ☐ Other ☐ Scanning Electron (SEM) (P.C.) & TEM First 4 grps. Asbestos = 0

Q.C. ☐

Q.C. ☐

Q.C. ☐

Q.C. ☒ 2% obs. 4 Rec

NYC 9/11 Public Portal Document

NYC-WTC_000121625

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101681
ELAP 10851
Microscope OLYMPUS BH-2

Client / Project ALC Env./Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/24/11 Analyst _____ Batch No. 3145

	1 Field No. 17	2 Field No. 18	3 Field No. 19	4 Field No. 20
Gravimetric (1108)				
Required	☐	☐	☐	☐
Recommended	☒	☒	☒	☐
Gravimetric PREP	☐	☐	☐	☐
Gravimetric (1108) PLM	☐	☐	☐	☐
Gravimetric (1108) TEM	☐	☐	☐	☐
Point Count Results on this Sheet				
Stereoscopic Exam				
Color	Tan	Tan	Tan	Tan
Texture	F	F	F	F
Homogeneity	X	X	X	X
# of Layers	X	X	X	X
Asbestos	☒	☒	☒	☐
Color of Layer	—	—	—	—
Detected	Yes ☐ No ☐	Yes ☐ No ☐	Yes ☐ No ☐	Yes ☐ No ☐
Comments:				
Method:	PLM ☒ DS ☐ TEM ☐ other ☐	PLM ☒ DS ☐ TEM ☐ other ☐	PLM ☒ DS ☐ TEM ☐ other ☐	PLM ☐ DS ☐ TEM ☐ other ☐
Scanning of Both Slides (PLM 10 FA)	☐	☐	☐	☐
Point Count Results on this Sheet	First 4 preps. Asbestos = 0	First 4 preps. Asbestos = 0	First 4 preps. Asbestos = 0	First 4 preps. Asbestos = 0
PLM Optical Properties				
Morphology	W/F	W/F	W/F	—
Extinction	P	P	P	—
RI	Low	Low	Low	—
RI ∥	Low	Low	Low	—
DS Color	Low/Gray	Low/Gray	Low	—
Color,Pleo	G	G	G	—
Biref	C	C	C	—
Sign	+	+	+	—
Asbestos Results PLM %				
Chrysotile	0.25	0.25	TR	—
Amosite	—	—	—	—
Other	—	—	—	—
Other Fibrous %				
Cellulose	19.75	19.75	20	15
Fiberglass	30	30	30	60
Other	—	—	—	—
Q.C.	☐	☐	☐	☐
Non Fibrous %				
Mineral Filler	50	50	50	25
Organic Binders	—	—	—	—
Vermiculite	—	—	—	—
Other	—	—	—	—
Gravimetric (1108) Results %				
Organic	—	—	—	—
Residue	—	—	—	—
Carbonate	—	—	—	—
Other	—	—	—	—
Asbestos	—	—	—	—

NYC 9/11 Public Portal Document

NYC-WTC_000121626

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10809
Microscope OLYP BH-2

Client / Project: ALC Env. / Gataway Plaza Mgmt Project No. _____

Analysis Date: 10/24/01 Analyst: Y Reye Batch No. 3145

1 Field No. 21	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey Texture: Fa	Morphology: W Extinction: 11	0.75 Chrysotile	7.25 Cellulose	79 Mineral Filler	___ Organic
Recommended ☑	Homogenity: Y	RI I: 1.549 RI II: 1.555	___ Amosite	13 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: ___ Asbestos: ☑ ☐	US Color: Brn Color Pleo: Cl	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected: Yes No	Biref: L Sign: P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ PLM 1 EPA ☐ PLM ☐ EPA ☐ other ☐ SCANNING OPTION: PLM 1 EPA Test 4 preps. Asbestos = 0					

2 Field No. 22	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey Texture: Fa	Morphology: W Extinction: 11	TR Chrysotile	6 Cellulose	41 Mineral Filler	___ Organic
Recommended ☑	Homogenity: Y	RI I: 1.549 RI II: 1.556	___ Amosite	53 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: ___ Asbestos: ☑ ☐	US Color: Brn Color Pleo: Cl	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected: Yes No	Biref: L Sign: P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ PLM 1 EPA ☐ PLM ☐ EPA ☐ other ☐ SCANNING OPTION: PLM 1 EPA Test 4 preps. Asbestos = 0					

3 Field No. 23	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey Texture: Fa	Morphology: W Extinction: 11	0.75 Chrysotile	23.0 Cellulose	39 Mineral Filler	___ Organic
Recommended ☑	Homogenity: Y	RI I: 1.549 RI II: 1.555	___ Amosite	37.25 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: ___ Asbestos: ☑ ☐	US Color: Brn Color Pleo: Cl	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected: Yes No	Biref: L Sign: P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ PLM 1 EPA ☐ PLM ☐ EPA ☐ other ☐ SCANNING OPTION: PLM 1 EPA Test 4 preps. Asbestos = 0					

4 Field No. 24	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey Texture: Fa	Morphology: W Extinction: 11	0.5 Chrysotile	22.5 Cellulose	52 Mineral Filler	___ Organic
Recommended ☑	Homogenity: Y	RI I: 1.549 RI II: 1.556	___ Amosite	25 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: ___ Asbestos: ☑ ☐	US Color: Brn Color Pleo: Cl	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected: Yes No	Biref: L Sign: P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ PLM 1 EPA ☐ PLM ☐ EPA ☐ other ☐ SCANNING OPTION: PLM 1 EPA Test 4 preps. Asbestos = 0					

NYC-WTC_000121627

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101887
ELAP 10872
Microscope (2) YY RH: E

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/24/01 Analyst L Reyes Batch No. 3145

	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	25	Color Grey; Texture Fine; Homogeneity —; # of Layers 1; Asbestos ☑; Color of Layer —; Detected Yes ☐ No ☐; Comments:	Morphology W; Extinction P; RI l 1.549; RI ll 1.555; DS Color —; Color,Pleo CR; Biref L; Sign P	0.25 Chrysotile; — Amosite; — Other	21.25 Cellulose; 30.5 Fiberglass; — Other	48 Mineral Filler; — Organic Binders; — Vermiculite; — Other	— Organic; — Residue; — Carbonate; — Other; — Asbestos
2	26	Color Grey; Texture Fine; Homogeneity —; # of Layers 1; Asbestos ☑; Color of Layer —; Detected Yes ☐ No ☐; Comments:	Morphology W; Extinction P; RI l 1.549; RI ll 1.555; DS Color —; Color,Pleo CR; Biref L; Sign P	0.5 Chrysotile; — Amosite; — Other	23 Cellulose; 30.5 Fiberglass; — Other	46 Mineral Filler; — Organic Binders; — Vermiculite; — Other	— Organic; — Residue; — Carbonate; — Other; — Asbestos
3	27	Color Grey; Texture Fine; Homogeneity —; # of Layers 1; Asbestos ☑; Color of Layer —; Detected Yes ☐ No ☐; Comments:	Morphology W; Extinction P; RI l 1.549; RI ll 1.586; DS Color —; Color,Pleo CR; Biref L; Sign P	3 Chrysotile; — Amosite; — Other	27 Cellulose; 34 Fiberglass; — Other	36 Mineral Filler; — Organic Binders; — Vermiculite; — Other	— Organic; — Residue; — Carbonate; — Other; — Asbestos
4	28	Color Grey; Texture Fine; Homogeneity —; # of Layers 1; Asbestos ☑; Color of Layer —; Detected Yes ☐ No ☐; Comments:	Morphology W; Extinction P; RI l 1.549; RI ll 1.555; DS Color —; Color,Pleo CR; Biref L; Sign P	2.6 Chrysotile; — Amosite; — Other	19.4 Cellulose; 29 Fiberglass; — Other	49 Mineral Filler; — Organic Binders; — Vermiculite; — Other	— Organic; — Residue; — Carbonate; — Other; — Asbestos

Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point Count Results on the back

Method: ☑ PLM + DS ☐ PLM ☐ DS ☐ other ☐ Scanning Electron (SEM) (F.C.) S EPA First 4 prep. Asbestos = 0

O.C. ☐ (3: 2.5% Chrysotile)

NYC 9/11 Public Portal Document

NYC-WTC_000121628

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 0280, FAX (212) 353 - 3599 or 0306

NVLAP 101667
ELAP 10878
Microscope OLYMPUS BH-2

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/24/0 Analyst Greg Batch No. 3145

1 Field No. 29	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOA) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Grey Texture Fine Homogeneity Y # of Layers 1 Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments: Method: ☒ PLM EPA ☐ TEM ☐ DS ☐ other ☐ Point Count Results on this Page	Morphology W Extinction U RI 1.549 RI ⊥ 1.536 OS Color Brn Color,Pleo ee Biref L Sign P	0.5 Chrysotile ____ Amosite ____ Other	31.5 Cellulose 3.0 Fiberglass ____ Other O.C. ☐	38 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
2 Field No. 30	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Grey Texture Fine Homogeneity Y # of Layers 1 Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments: Method: ☒ PLM EPA ☐ TEM ☐ DS ☐ other ☐ Point Count Results on this Page	Morphology W Extinction U RI 1.549 RI ⊥ 1.535 OS Color Brn Color,Pleo ee Biref L Sign P	0.5 Chrysotile ____ Amosite ____ Other	22 Cellulose 31.5 Fiberglass ____ Other O.C. ☐	46 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
3 Field No. 31	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Grey Texture Fine Homogeneity Y # of Layers 1 Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments: Method: ☒ PLM EPA ☐ TEM ☐ DS ☐ other ☐ Point Count Results on this Page	Morphology W Extinction U RI 1.549 RI ⊥ 1.535 OS Color Brn Color,Pleo ee Biref L Sign P	0.25 Chrysotile ____ Amosite ____ Other	21 Cellulose 38.25 Fiberglass ____ Other O.C. ☐	40 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
4 Field No 32	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOA) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Grey Texture Fine Homogeneity Y # of Layers 1 Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments: Method: ☒ PLM EPA ☐ TEM ☐ DS ☐ other ☐ Point Count Results on this Page	Morphology W Extinction U RI 1.549 RI ⊥ 1.536 OS Color Brn Color,Pleo ee Biref L Sign P	0.25 Chrysotile ____ Amosite ____ Other	11.25 Cellulose 24 Fiberglass ____ Other O.C. ☐	64 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos

NYC 9/11 Public Portal Document

NYC-WTC_000121629

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10019
Microscope OLYP BH-2

Client / Project: ALC Env. / Gataway Plaza Mgmt. Project No. ____

Analysis Date: 10/24/01 Analyst: [signature] Batch No. 3145

1 Field No. 33	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: Fn	Morphology: W; Extinction: U	1.3 Chrysotile	10.2 Cellulose	68 Mineral Filler	___ Organic
Recommended ☐	Homogenity: Y	RI I: 1.549; RI II: 1.576	___ Amosite	20.5 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: ___; Asbestos: ☑ ☐	DS Color: [illegible]; Color, Pleo: Cl	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTICAL ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

2 Field No. 34	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: Fn	Morphology: W; Extinction: U	0.75 Chrysotile	10.25 Cellulose	76 Mineral Filler	___ Organic
Recommended ☑	Homogenity: Y	RI I: 1.549; RI II: 1.576	___ Amosite	13 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: ___; Asbestos: ☑ ☐	DS Color: [illegible]; Color, Pleo: Cl	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTICAL ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

3 Field No. 35	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: Fn	Morphology: W; Extinction: U	0.5 Chrysotile	13 Cellulose	62 Mineral Filler	___ Organic
Recommended ☑	Homogenity: Y	RI I: 1.549; RI II: 1.557	___ Amosite	24.5 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: ___; Asbestos: ☑ ☐	DS Color: [illegible]; Color, Pleo: Cl	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTICAL ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

4 Field No. 36	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Grey; Texture: Fn	Morphology: W; Extinction: U	0.5 Chrysotile	16.5 Cellulose	58 Mineral Filler	___ Organic
Recommended ☑	Homogenity: Y	RI I: 1.549; RI II: 1.556	___ Amosite	25 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: ___; Asbestos: ☑ ☐	DS Color: [illegible]; Color, Pleo: Cl	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTICAL ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 · 8280, FAX (212) 353 · 3599 or 8306

NVLAP 101681
ELAP 10878
Microscope OLYP BH-2

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/24/0 Analyst Group Batch No. 3145

1 Field No. 37	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Grey Texture Fine Homogenity — # of Layers 1 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI | 1.548 RI ⊥ 1.556 DS Color Blk Color,Pleo Co Biref + Sign +	0.5 Chrysotile — Amosite — Other	13.5 Cellulose 10 Fiberglass — Other	30 Mineral Filler 46 Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
PLEASE COMPLETE RESULTS ON THE BACK	Method: ☐ PLM (EPA) ☐ PLM ☐ TEM ☐ other ☐ SCANNING OPTICAL MICROSCOPY (P.C.) & EPA Point Count 400 Asbestos = 0			O.C. ☐		

2 Field No. 38	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Grey Texture Fine Homogenity — # of Layers 1 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI | 1.548 RI ⊥ 1.556 DS Color Blk Color,Pleo Co Biref + Sign +	0.75 Chrysotile — Amosite — Other	13.5 Cellulose 15 Fiberglass — Other	7.1 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
PLEASE COMPLETE RESULTS ON THE BACK	Method: ☒ PLM (EPA) ☐ TEM ☐ DTA ☐ other ☐ SCANNING OPTICAL MICROSCOPY (P.C.) & EPA Point Count 400 Asbestos = 0			O.C. ☐		

3 Field No. 39	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Grey Texture Fine Homogenity — # of Layers 1 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI | 1.548 RI ⊥ 1.556 DS Color Blk Color,Pleo Co Biref + Sign +	0.5 Chrysotile — Amosite — Other	20.5 Cellulose 18 Fiberglass — Other	6.1 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
PLEASE COMPLETE RESULTS ON THE BACK	Method: ☒ PLM (EPA) ☐ TEM ☐ DTA ☐ other ☐ SCANNING OPTICAL MICROSCOPY (P.C.) & EPA Point Count 400 Asbestos = 0			O.C. ☐		

4 Field No. 40	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Grey Texture Fine Homogenity — # of Layers 1 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI | 1.548 RI ⊥ 1.556 DS Color Blk Color,Pleo Co Biref + Sign +	4.5 Chrysotile — Amosite — Other	24.5 Cellulose 12 Fiberglass — Other	5.9 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
PLEASE COMPLETE RESULTS ON THE BACK	Method: ☒ PLM (EPA) ☐ TEM ☐ DTA ☐ other ☐ SCANNING OPTICAL MICROSCOPY (P.C.) & EPA Point Count 400 Asbestos = 0			O.C. ☒		

NYC 9/11 Public Portal Document

NYC-WTC_000121631

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

101 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10874
Microscope OLYP BH-2

Client / Project ALC Env. / Gateway Plaza Mgmt. Project No. _____

Analysis Date 10/24/10 Analyst _____ Batch No. 3145

1 Field No. 41

Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point count results on the back

Stereoscopic Exam

Color Grey Texture Fi
Homogeneity _____
# of Layers 1 Asbestos ☒ ☐
Color of Layer _____ Detected Yes No
Comments:
Method: ☒ [illegible] ☐ DOR ☐ DS ☐ other ☐ Scanning Option: Start P.C. in D.A. Find 4 grps. Asbestos = 0

PLM Optical Properties

Morphology W Extinction P
RI ∥ 1.548 RI ⊥ 1.515
DS Color PC Color,Pleo Fe
Biref C Sign P

Asbestos Results PLM %

0.75 Chrysotile
_____ Amosite
_____ Other

Other Fibrous %

26.25 Cellulose
20 Fiberglass
_____ Other

Non Fibrous %

53 Mineral Filler
_____ Organic Binders
_____ Vermiculite
_____ Other

Gravimetric (NOB) Results %

_____ Organic
_____ Residue
_____ Carbonate
_____ Other
_____ Asbestos

O.C. ☐

2 Field No.

Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point count results on the back

Stereoscopic Exam

Color _____ Texture _____
Homogeneity _____
# of Layers _____ Asbestos ☐ ☐
Color of Layer _____ Detected Yes No
Comments:
Method: ☐ [illegible] ☐ DOR ☐ DS ☐ other ☐ Scanning Option: Start P.C. in D.A. Find 4 grps. Asbestos = 0

PLM Optical Properties

Morphology _____ Extinction _____
RI ∥ _____ RI ⊥ _____
DS Color _____ Color,Pleo _____
Biref _____ Sign _____

Asbestos Results PLM %

_____ Chrysotile
_____ Amosite
_____ Other

Other Fibrous %

_____ Cellulose
_____ Fiberglass
_____ Other

Non Fibrous %

_____ Mineral Filler
_____ Organic Binders
_____ Vermiculite
_____ Other

Gravimetric (NOB) Results %

_____ Organic
_____ Residue
_____ Carbonate
_____ Other
_____ Asbestos

O.C. ☐

3 Field No.

Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point count results on the back

Stereoscopic Exam

Color _____ Texture _____
Homogeneity _____
# of Layers _____ Asbestos ☐ ☐
Color of Layer _____ Detected Yes No
Comments:
Method: ☐ [illegible] ☐ DOR ☐ DS ☐ other ☐ Scanning Option: Start P.C. in D.A. Find 4 grps. Asbestos = 0

PLM Optical Properties

Morphology _____ Extinction _____
RI ∥ _____ RI ⊥ _____
DS Color _____ Color,Pleo _____
Biref _____ Sign _____

Asbestos Results PLM %

_____ Chrysotile
_____ Amosite
_____ Other

Other Fibrous %

_____ Cellulose
_____ Fiberglass
_____ Other

Non Fibrous %

_____ Mineral Filler
_____ Organic Binders
_____ Vermiculite
_____ Other

Gravimetric (NOB) Results %

_____ Organic
_____ Residue
_____ Carbonate
_____ Other
_____ Asbestos

O.C. ☐

4 Field No.

Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point count results on the back

Stereoscopic Exam

Color _____ Texture _____
Homogeneity _____
# of Layers _____ Asbestos ☐ ☐
Color of Layer _____ Detected Yes No
Comments:
Method: ☐ [illegible] ☐ DOR ☐ DS ☐ other ☐ Scanning Option: Start P.C. in D.A. Find 4 grps. Asbestos = 0

PLM Optical Properties

Morphology _____ Extinction _____
RI ∥ _____ RI ⊥ _____
DS Color _____ Color,Pleo _____
Biref _____ Sign _____

Asbestos Results PLM %

_____ Chrysotile
_____ Amosite
_____ Other

Other Fibrous %

_____ Cellulose
_____ Fiberglass
_____ Other

Non Fibrous %

_____ Mineral Filler
_____ Organic Binders
_____ Vermiculite
_____ Other

Gravimetric (NOB) Results %

_____ Organic
_____ Residue
_____ Carbonate
_____ Other
_____ Asbestos

O.C. ☐

NYC 9/11 Public Portal Document

NYC-WTC_000121632

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3161
Date Collected: 10/24/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted] #: 1 Date Analyzed: 10/26/01 Color: Brown Location: 10A living room WS Type of Mat: Misc. Mat. Homogenity: Y By: EC Method: ELAP+EPA PLM	None Detected	20% Cellulose 30% Fiberglass	50% Mineral Filler	
Comment:				
Field #: 2 Date Analyzed: 10/26/01 Color: Brown Location: 10B living room floor Type of Mat: Misc. Mat. Homogenity: Y By: EC/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			50.4% Organic 19.0% Residue 30.6% Carbonate
Comment:				
Field #: 3 Date Analyzed: 10/26/01 Color: Brown Location: 10J living room WS [redacted]e of Mat: Misc. Mat. [redacted]mogenity: Y By: EC/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			14.1% Organic 39.7% Residue 46.2% Carbonate
Comment:				
Field #: 4 Date Analyzed: 10/26/01 Color: Brown Location: 10L living room floor Type of Mat: Misc. Mat. Homogenity: Y By: EC Method: ELAP+EPA PLM	None Detected	25% Cellulose 35% Fiberglass	40% Mineral Filler	
Comment:				
Field #: 5 Date Analyzed: 10/26/01 Color: Brown Location: 10M living room floor Type of Mat: Misc. Mat. Homogenity: Y By: EC/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			13.3% Organic 37.8% Residue 48.9% Carbonate
Comment:				

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Reviewed and Signed for the Company by:

Analyst:

Director of Laboratory Services

NYC-WTC_000121633

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3161
Date Collected: 10/24/01

SAMPLE INFORMATION				Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted] d #:	6	Date Analyzed:	10/26/01	Trace Chrysotile			11.2% Organic 42.1% Residue 46.7% Carbonate
Color:	Brown						
Location:	10N living room WS						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	EC/RP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	7	Date Analyzed:	10/26/01	Trace Chrysotile			14.9% Organic 31.5% Residue 53.6% Carbonate
Color:	Brown						
Location:	10P living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	EC/RP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	8	Date Analyzed:	10/26/01	0.25% Chrysotile	23.00% Cellulose 34.75% Fiberglass	42% Mineral Filler	
Color:	Brown						
Location:	9L living rooim floor						
[redacted]e of Mat:	Misc. Mat.						
[redacted]mogenity:	Y	By:	EC				
Method:	ELAP+EPA PLM			Comment:			
Field #:	9	Date Analyzed:	10/26/01	None Detected	25% Cellulose 37% Fibergiass	38% Mineral Filler	
Color:	Brown						
Location:	9N living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	EC				
Method:	ELAP+EPA PLM			Comment:			
Field #:	10	Date Analyzed:	10/26/01	None Detected	20% Cellulose 37% Fiberglass	43% Mineral Filler	
Color:	Brown						
Location:	9A living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	EC				
Method:	ELAP+EPA PLM			Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Reviewed and Signed for the Company by:

Analyst: [redacted]

[redacted]
Director of Laboratory Services

NYC-WTC_000121634

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3161

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Date Collected: 10/24/01

SAMPLE INFORMATION				Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #:	11	Date Analyzed:	10/26/01	None Detected	22% Cellulose 38% Fiberglass	40% Mineral Filler	
Color:	Brown						
Location:	9B living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	EC				
Method:	ELAP+EPA PLM			Comment:			
Field #:	12	Date Analyzed:	10/26/01	Trace Chrysotile			14.2% Organic 44.2% Residue 41.6% Carbonate
Color:	Brown						
Location:	9D living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	EC/RP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	13	Date Analyzed:	10/26/01	None Detected	18% Cellulose 32% Fiberglass	50% Mineral Filler	
Color:	Brown						
Location:	9G living room window sill						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	EC				
Method:	ELAP+EPA PLM			Comment:			
Field #:	14	Date Analyzed:	10/26/01	Trace Chrysotile			13.7% Organic 50.1% Residue 36.2% Carbonate
Color:	Brown						
Location:	8A living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	EC/RP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	15	Date Analyzed:	10/26/01	None Detected	20% Cellulose 37% Fiberglass	43% Mineral Filler	
Color:	Brown						
Location:	8B living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	EC				
Method:	ELAP+EPA PLM			Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst:

Reviewed and Signed for the Company by:

Director of Laboratory Services

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3161

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Date Collected: 10/24/01

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
d #: 16 Date Analyzed: 10/26/01 Color: Brown Location: 8F living room WS Type of Mat: Misc. Mat. Homogenity: Y By: EC/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			14.2% Organic 40.4% Residue 45.4% Carbonate
Comment:				
Field #: 17 Date Analyzed: 10/26/01 Color: Brown Location: 8J living room WS Type of Mat: Misc. Mat. Homogenity: Y By: EC Method: ELAP+EPA PLM	None Detected	25% Cellulose 35% Fiberglass	40% Mineral Filler	
Comment:				
Field #: 18 Date Analyzed: 10/26/01 Color: Brown Location: 8K living room WS Type of Mat: Misc. Mat. Homogenity: Y By: EC Method: ELAP+EPA PLM	None Detected	25% Cellulose 37% Fiberglass	38% Mineral Filler	
Comment:				
Field #: 19 Date Analyzed: 10/26/01 Color: Brown Location: 8N living room floor Type of Mat: Misc. Mat. Homogenity: Y By: EC/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.9% Organic 44.7% Residue 42.4% Carbonate
Comment:				
Field #: 20 Date Analyzed: 10/26/01 Color: Brown Location: 8P living room floor Type of Mat: Misc. Mat. Homogenity: Y By: EC/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.4% Organic 32.7% Residue 54.9% Carbonate
Comment:				

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst: ML Tec /RP

Reviewed and Signed for the Company by: ML

Director of Laboratory Services

NYC-WTC_000121636

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3161
Date Collected: 10/24/01

Project: Gateway Plaza Management
395 South End Avenue
Building 600

SAMPLE INFORMATION				Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted]d #:	21	Date Analyzed:	10/26/01	Trace Chrysotile			13.1% Organic 34.6% Residue 52.3% Carbonate
Color:	Brown						
Location:	7A living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	EC/RP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	22	Date Analyzed:	10/26/01	Trace Chrysotile			14.6% Organic 27.5% Residue 57.9% Carbonate
Color:	Brown						
Location:	7B living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	EC/RP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	23	Date Analyzed:	10/26/01	Trace Chrysotile			13.7% Organic 29.6% Residue 56.7% Carbonate
Color:	Brown						
Location:	7C living room floor						
[redacted]e of Mat:	Misc. Mat.						
[redacted]omogenity:	Y	By:	EC/RP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	24	Date Analyzed:	10/26/01	Trace Chrysotile			13.7% Organic 30.6% Residue 55.7% Carbonate
Color:	Brown						
Location:	7D living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	EC/RP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			
Field #:	25	Date Analyzed:	10/27/01	Trace Chrysotile			11.7% Organic 53.6% Residue 34.7% Carbonate
Color:	Tan						
Location:	7N living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/RP				
Method:	ELAP+EPA PLM NOB-PLM/TEM			Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst: [signature]

Reviewed and Signed for the Company by: [signature]

Director of Laboratory Services

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3161
Date Collected: 10/24/01

Project: Gateway Plaza Management
395 South End Avenue
Building 600

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #: 26 Date Analyzed: 10/27/01 Color: Tan Location: 7P living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			13.9% Organic 38.6% Residue 47.5% Carbonate
	Comment:			
Field #: 27 Date Analyzed: 10/27/01 Color: Tan Location: 7P living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA Method: ELAP+EPA PLM	None Detected	17% Cellulose 50% Fiberglass	33% Mineral Filler	
	Comment:			
Field #: 28 Date Analyzed: 10/27/01 Color: Tan Location: 6A living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			14.0% Organic 29.9% Residue 56.1% Carbonate
	Comment:			
Field #: 29 Date Analyzed: 10/27/01 Color: Tan Location: 6B living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	0.4% Chrysotile			13.7% Organic 47.8% Residue 38.5% Carbonate
	Comment:			
Field #: 30 Date Analyzed: 10/27/01 Color: Tan Location: 6N living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			14.9% Organic 54.2% Residue 30.9% Carbonate
	Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst: [signature]

Reviewed and Signed for the Company by:

[signature]

Director of Laboratory Services

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3161
Date Collected: 10/24/01

Project: Gateway Plaza Management
395 South End Avenue
Building 600

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #: 31 Date Analyzed: 10/27/01 Color: Tan Location: 6N bedroom floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.4% Organic 55.8% Residue 31.8% Carbonate
Comment:				
Field #: 32 Date Analyzed: 10/27/01 Color: Tan Location: 6AA living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.5% Organic 39.2% Residue 48.3% Carbonate
Comment:				
Field #: 33 Date Analyzed: 10/27/01 Color: Tan Location: 5B bedroom floor Type of Mat: Misc. Mat. Homogenity: Y By: JA Method: ELAP+EPA PLM	None Detected	22% Cellulose 42% Fiberglass	36% Mineral Filler	
Comment:				
Field #: 34 Date Analyzed: 10/27/01 Color: Tan Location: 5B living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			10.8% Organic 51.8% Residue 37.4% Carbonate
Comment:				
Field #: 35 Date Analyzed: 10/27/01 Color: Tan Location: 5P living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.0% Organic 42.8% Residue 46.2% Carbonate
Comment:				

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst: _____

Reviewed and Signed for the Company by:

_____
Director of Laboratory Services

NYC-WTC_000121639

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Batch #: 3161
Date Collected: 10/24/01

Project: Gateway Plaza Management
395 South End Avenue
Building 600

SAMPLE INFORMATION	Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
[redacted] #: 36 Date Analyzed: 10/27/01 Color: Tan Location: 4A living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			12.5% Organic 49.9% Residue 37.6% Carbonate
	Comment:			
Field #: 37 Date Analyzed: 10/27/01 Color: Tan Location: 4D living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.4% Organic 51.3% Residue 37.3% Carbonate
	Comment:			
Field #: 38 Date Analyzed: 10/27/01 Color: Tan Location: 4N living room floor [redacted] of Mat: Misc. Mat. [redacted]ogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			11.5% Organic 49.1% Residue 39.4% Carbonate
	Comment:			
Field #: 39 Date Analyzed: 10/27/01 Color: Tan Location: 4P living room floor Type of Mat: Misc. Mat. Homogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			9.4% Organic 63.4% Residue 27.2% Carbonate
	Comment:			
Field #: 40 Date Analyzed: 10/27/01 Color: Tan Location: 4P living room wsill Type of Mat: Misc. Mat. Homogenity: Y By: JA/RP Method: ELAP+EPA PLM NOB-PLM/TEM	Trace Chrysotile			8.4% Organic 55.2% Residue 36.4% Carbonate
	Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst: [signature]

Reviewed and Signed for the Company by: [signature]

Director of Laboratory Services

NYC-WTC_000121640

NYC 9/11 Public Portal Document

ATC Associates Inc.
104 E. 25th St., 10th Floor New York, NY 10010-2917
(212) 353-8280 Fax (212) 353-8306

BULK ASBESTOS ANALYSIS RESULTS

Client: ALC Environmental

Project: Gateway Plaza Management
395 South End Avenue
Building 600

Batch #: 3161
Date Collected: 10/24/01

SAMPLE INFORMATION				Asbestos Result	Fibrous Material	Non-Fibrous Material	NOB Result
Field #:	41	Date Analyzed:	10/27/01	Trace Chrysotile			13.2% Organic 28.9% Residue 57.9% Carbonate
Color:	Tan						
Location:	3N living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/RP				
Method:	ELAP+EPA PLM NOB-PLM/TEM						
				Comment:			
Field #:	42	Date Analyzed:	10/27/01	Trace Chrysotile			13.5% Organic 23.6% Residue 62.9% Carbonate
Color:	Tan						
Location:	2B living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/RP				
Method:	ELAP+EPA PLM NOB-PLM/TEM						
				Comment:			
Field #:	43	Date Analyzed:	10/27/01	Trace Chrysotile			21.4% Organic 18.6% Residue 60.0% Carbonate
Color:	Tan						
Location:	2C living room floor						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA/RP				
Method:	ELAP+EPA PLM NOB-PLM/TEM						
				Comment:			
Field #:	44	Date Analyzed:	10/27/01	Trace Chrysotile	23% Cellulose 40% Fiberglass	37% Mineral Filler	
Color:	Tan						
Location:	2D living room WS						
Type of Mat:	Misc. Mat.						
Homogenity:	Y	By:	JA				
Method:	ELAP+EPA PLM						
				Comment:			

Legend: TRACE = LESS THAN LIMIT OF QUANTITATION (<0.25%)
Note 1: For point counts the limit of quantitation of 0.25% is based on one asbestos point counted over 400 non-empty points
Note 2: >1% asbestos by weight is considered an ACM (Asbestos Containing Material).

Analyst: _____

Reviewed and Signed for the Company by:

_____
Director of Laboratory Services

NYC-WTC_000121641

ALC Environmental Inc. Batch # 3161

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 24 / 01

PROJECT NAME: Gateway Plaza Mgmt.
PROJECT ADDRESS: 395 Southend ave. - Bldg. 600

TURN AROUND TIME 2hr ___ 6hr ___ 12hr ✓ 24hr ___ 72hr ___ Other ___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
	1	Misc	#10A, living Rm, WS		
	2		#10B, living Rm, FLR		
	3		#10J, living Rm, WS		
	4		#10L, Living Rm, FLR		
	5		#10M, ~~Bedroom~~ Rm, FLR		
	6		#10N, living Rm, WS		
	7		#10P, living Rm, FLR		
	8		#9L, living Rm, FLR.		
	9		#9N, living Rm, WS		
	10		#9A, living Rm, FLR.		
	11		#9B, living Rm, FLR.		
	12		#9D, living Rm, FLR.		
	13		#9G, living Rm, WS		
	14		#8A, living Rm, FLR		
	15		#8B, living Rm, FLR		
	16		#8F, living Rm, WS		
	17		#8J, living Rm, WS		
	18		#8K, living Rm, WS		
	19		#8N, living Rm, FLR		
	20		#8P living Rm, FLR		

Field Comments:

Relinquished by: [signature] Date: 10-24-01
Received by: ATC [signature] Date: 10/24/01 1950
Laboratory Name: ATC [signature] 10/26/01

31 NOB TEN

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

ALC Environmental Inc.

BATCH # 3161

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 24 / 01

PROJECT NAME: Gateway Plaza Mgmt.

PROJECT ADDRESS: 395 South End Avenue - Building 600

TURN AROUND TIME 2hr ___ 6hr ___ 12hr ✓ 24hr ___ 72hr ___ Other ___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	21	Misc	Apt 7A - livingrm - floor		
	22		7B - livingrm - floor		
	23		7C - livingrm - floor		
	24		7D - livingrm - floor		
	25		7N - livingrm - floor		
	26		7P - livingrm - floor		
	27		7P - livingrm - WSill		
	28		6A - livingrm - floor		
	29		6B - livingrm - floor		
	30		6N - livingrm - floor		
	31		6N - Bedrm - floor		
	32		6AA - livingrm - floor		
	33		5B - Bedrm 2 - floor		
	34		5B - livingrm - floor		
	35		5P - livingrm - floor		
	36		4A - livingrm - floor		
	37		4D - livingrm - floor		
	38		4N - livingrm - floor		
	39		4P - livingrm - floor		
	40		4P - livingrm - WSill		

Field Comments:

Relinquished by: [signature] Date: 10-24-01

Received by: [signature] Date: 10/24/01 1950

Laboratory Name: ATC [illegible] 10/26/01

115 WEST 30TH STREET • 11TH FLOOR • NEW YORK, NY 10001 • DIRECT (212) 279-1001 • FAX (212) 279-6747 • TOLL FREE (888)-466-3620

NYC 9/11 Public Portal Document

ALC Environmental Inc.

DAICH # 3161

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10/24/01

PROJECT NAME: Gateway Plaza Mgmt.

PROJECT ADDRESS: 395 Southend ave - Bldg. 600

TURN AROUND TIME 2hr____ 6hr____ 12hr✓ 24hr____ 72hr____ Other____

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	41	MISC	#3N, Living Rm, flr		
|	42	|	#2B, Living Rm, flr		
|	43	|	#2C, Living Rm, flr		
|	44	|	#2D, Living Rm, WS		

Field Comments:

Relinquished by: [signature] Date: 10-24-01

Received by: [signature] Date: 10/24/01 1950

Laboratory Name: ATC E. A. Chemists

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-362(

NYC-WTC_000121644

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYF BH-2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT., 395 SOUTHEND AVE Project No. _____

Analysis Date 10/26/01 Analyst E. A. CUARTEROS Batch No. 3161

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	Color Brown; Texture F; Homogenity Y; # of Layers ___; Asbestos ☐ ☒; Color of Layer ___; Detected Yes No	Morphology ___; Extinction ___; RI I ___; RI II ___; DS Color ___; Color, Pleo ___; Biref ___; Sign ___	Chrysotile; Amosite; Other	20 Cellulose; 30 Fiberglass; Other	50 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
2	Color Brown; Texture F; Homogenity Y; # of Layers ___; Asbestos ☒ ☐; Color of Layer ___; Detected Yes No	Morphology Way; Extinction 11; RI I 1.549; RI II 1.556; DS Color B/H; Color, Pleo N; Biref L; Sign +	Trace Chrysotile; Amosite; Other	20 Cellulose; 35 Fiberglass; Other	45 Mineral Filler; Organic Binders; Vermiculite; Other	50.4 Organic; 19.0 Residue; 30.6 Carbonate; Other; TR Asbestos; chr
3	Color Brown; Texture F; Homogenity Y; # of Layers ___; Asbestos ☒ ☐; Color of Layer ___; Detected Yes No	Morphology Way; Extinction 11; RI I 1.549; RI II 1.556; DS Color B/H; Color, Pleo N; Biref L; Sign +	0.5 Chrysotile; Amosite; Other	23 Cellulose; 37 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	14.1 Organic; 39.7 Residue; 46.2 Carbonate; Other; TR Asbestos; chr
4	Color Brown; Texture F; Homogenity Y; # of Layers ___; Asbestos ☐ ☒; Color of Layer ___; Detected Yes No	Morphology ___; Extinction ___; RI I ___; RI II ___; DS Color ___; Color, Pleo ___; Biref ___; Sign ___	Chrysotile; Amosite; Other	25 Cellulose; 35 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos

Field No. 1: Gravimetric (NOB) Required ☐; Recommended ☐; Gravimetric PREP ☐; Gravimetric (NOB) PLM ☐; Gravimetric (NOB) TEM ☐; POINT COUNT RESULTS ON THE BACK

Comments:

Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0

Q.C. ☐

Field No. 2: Gravimetric (NOB) Required ☐; Recommended ☒; Gravimetric PREP ☒; Gravimetric (NOB) PLM ☒; Gravimetric (NOB) TEM ☒; POINT COUNT RESULTS ON THE BACK

Comments:

Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0

Q.C. ☐

Field No. 3: Gravimetric (NOB) Required ☐; Recommended ☒; Gravimetric PREP ☒; Gravimetric (NOB) PLM ☒; Gravimetric (NOB) TEM ☒; POINT COUNT RESULTS ON THE BACK

Comments:

Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0

Q.C. ☐

Field No. 4: Gravimetric (NOB) Required ☐; Recommended ☐; Gravimetric PREP ☐; Gravimetric (NOB) PLM ☐; Gravimetric (NOB) TEM ☐; POINT COUNT RESULTS ON THE BACK

Comments:

Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0

Q.C. ☐

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8200, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10870
Microscope OLYP BH-2

BLDG. 600

Client / Project ALC ENV / GATEWAY PLAZA MGMT. 395 SOUTHEND AVE Project No. _____

Analysis Date 10/26/01 Analyst E. J. CONSTANTINOU Batch No. 3161

1 Field No. 5	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wavy Extinction II	Trace Chrysotile	22 Cellulose	48 Mineral Filler	13.3 Organic
Recommended ☑	Homogenity Y	RI ⊥ 1.549 RI ∥ 1.556	____ Amosite	30 Fiberglass	____ Organic Binders	37.8 Residue
Gravimetric PREP ☑	# of Layers ____ Asbestos ☑ ☐	DS Color B/M Color,Pleo N	____ Other	____ Other	____ Vermiculite	48.9 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ____ Detected Yes No	Biref L Sign +			____ Other	____ Other
Gravimetric (NOB) TEM ☑	Comments:			o.c. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					elr

2 Field No. 6	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wavy Extinction II	Trace Chrysotile	27 Cellulose	45 Mineral Filler	11.2 Organic
Recommended ☑	Homogenity Y	RI ⊥ 1.549 RI ∥ 1.556	____ Amosite	28 Fiberglass	____ Organic Binders	42.1 Residue
Gravimetric PREP ☑	# of Layers ____ Asbestos ☑ ☐	DS Color B/M Color,Pleo N	____ Other	____ Other	____ Vermiculite	46.7 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ____ Detected Yes No	Biref L Sign +			____ Other	____ Other
Gravimetric (NOB) TEM ☑	Comments:			o.c. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					elr

3 Field No. 7	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wavy Extinction II	Trace Chrysotile	25 Cellulose	45 Mineral Filler	14.9 Organic
Recommended ☑	Homogenity Y	RI ⊥ 1.549 RI ∥ 1.556	____ Amosite	30 Fiberglass	____ Organic Binders	31.5 Residue
Gravimetric PREP ☑	# of Layers ____ Asbestos ☑ ☐	DS Color B/M Color,Pleo N	____ Other	____ Other	____ Vermiculite	53.6 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ____ Detected Yes No	Biref L Sign +			____ Other	____ Other
Gravimetric (NOB) TEM ☑	Comments:			o.c. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					elr

4 Field No. 8	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wavy Extinction II	0.25 Chrysotile	23 Cellulose	42 Mineral Filler	____ Organic
Recommended ☐	Homogenity Y	RI ⊥ 1.549 RI ∥ 1.556	____ Amosite	34.75 Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers ____ Asbestos ☑ ☐	DS Color B/M Color,Pleo N	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref L Sign +			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:			o.c. ☐		____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

NYC 9/11 Public Portal Document

NYC-WTC_000121646

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor • New York, NY 10010 • Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101167
ELAP 10879
Microscope OLYF BH-2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT. 395 SOUTHEND AVE Project No. _____

Analysis Date 10/26/01 Analyst E. A. CARTEROS Batch No. 3161

1 Field No. 9	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology ___ Extinction ___	___ Chrysotile	25 Cellulose	38 Mineral Filler	___ Organic
Recommended ☐	Homogenity V	RI I ___ RI II ___	___ Amosite	37 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers ___ Asbestos ☐ ☒	DS Color ___ Color,Pleo ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

2 Field No. 10	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology ___ Extinction ___	___ Chrysotile	20 Cellulose	43 Mineral Filler	___ Organic
Recommended ☐	Homogenity V	RI I ___ RI II ___	___ Amosite	37 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers ___ Asbestos ☐ ☒	DS Color ___ Color,Pleo ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

3 Field No. 11	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology ___ Extinction ___	___ Chrysotile	22 Cellulose	40 Mineral Filler	___ Organic
Recommended ☐	Homogenity V	RI I ___ RI II ___	___ Amosite	38 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers ___ Asbestos ☐ ☒	DS Color ___ Color,Pleo ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

4 Field No. 12	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wing Extinction 11	Tran Chrysotile	20 Cellulose	45 Mineral Filler	14.2 Organic
Recommended ☐	Homogenity V	RI I 1.549 RI II 1.556	___ Amosite	35 Fiberglass	___ Organic Binders	44.2 Residue
Gravimetric PREP ☒	# of Layers ___ Asbestos ☒ ☐	DS Color B/M Color,Pleo N	___ Other	___ Other	___ Vermiculite	41.6 Carbonate
Gravimetric (NOB) PLM ☒	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☒	Comments:			Q.C. ☐		TL Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					CHP

NYC-WTC_000121647

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYF BH-2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT. 395 SOUTHEND AVE Project No. _____

Analysis Date 10/26/01 Analyst E. A. CUARTEROS Batch No. 3161

1 Field No. 13	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology ___ Extinction ___	Chrysotile	18 Cellulose	50 Mineral Filler	___ Organic
Recommended ☐	Homogenity Y	RI I ___ RI II ___	Amosite	32 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers ___ Asbestos ☐ ☒	DS Color ___ Color,Pleo ___	Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

2 Field No. 14	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wy Extinction 11	Trace Chrysotile	22 Cellulose	43 Mineral Filler	13.7 Organic
Recommended ☒	Homogenity Y	RI I 1.549 RI II 1.556	Amosite	35 Fiberglass	___ Organic Binders	50.1 Residue
Gravimetric PREP ☒	# of Layers ___ Asbestos ☒ ☐	DS Color B/M Color,Pleo N	Other	___ Other	___ Vermiculite	36.2 Carbonate
Gravimetric (NOB) PLM ☒	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☒	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr.

3 Field No. 15	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology ___ Extinction ___	Chrysotile	20 Cellulose	43 Mineral Filler	___ Organic
Recommended ☐	Homogenity Y	RI I ___ RI II ___	Amosite	37 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers ___ Asbestos ☐ ☒	DS Color ___ Color,Pleo ___	Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

4 Field No. 16	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wy Extinction 11	Trace Chrysotile	23 Cellulose	41 Mineral Filler	14.2 Organic
Recommended ☒	Homogenity Y	RI I 1.549 RI II 1.556	Amosite	36 Fiberglass	___ Organic Binders	40.4 Residue
Gravimetric PREP ☒	# of Layers ___ Asbestos ☒ ☐	DS Color B/M Color,Pleo N	Other	___ Other	___ Vermiculite	45.4 Carbonate
Gravimetric (NOB) PLM ☒	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☒	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr.

NYC-WTC_000121648

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NYLAP 101187
ELAP 10878
Microscope OLYMPUS BH-2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT. 395 SOUTHEND AVE Project No. _____

Analysis Date 10/26/01 Analyst E. A. CARREROS Batch No. 3161

	1 Field No. 17	2 Field No. 18	3 Field No. 19	4 Field No. 20
Gravimetric (NOB) Required	☐	☐	☐	☐
Gravimetric (NOB) Recommended	☐	☐	☒	☒
Gravimetric PREP	☐	☐	☒	☒
Gravimetric (NOB) PLM	☐	☐	☒	☒
Gravimetric (NOB) TEM	☐	☐	☒	☒
Point Count Results on the Back				
Stereoscopic Exam				
Color	Brown	Brown	Brown	Brown
Texture	F	F	F	F
Homogenity	Y	Y	Y	Y
# of Layers	____	____	____	____
Color of Layer	____	____	____	____
Asbestos Detected	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	☐ Yes ☐ No
Comments:				
Method:	☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0	☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0	☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0	☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0
PLM Optical Properties				
Morphology	____	____	Wav	Wav
RI ∥	____	____	1.549	1.549
DS Color	____	____	B/M	B/M
Biref	____	____	L	L
Extinction	____	____	11	11
RI ⊥	____	____	1.556	1.556
Color,Pleo	____	____	N	N
Sign	____	____	+	+
Asbestos Results PLM %				
Chrysotile	____	____	0.25	Tr
Amosite	____	____	____	____
Other	____	____	____	____
Other Fibrous %				
Cellulose	25	25	20.75	22
Fiberglass	35	37	34	38
Other	____	____	____	____
Non Fibrous %				
Mineral Filler	40	38	45	40
Organic Binders	____	____	____	____
Vermiculite	____	____	____	____
Other	____	____	____	____
Gravimetric (NOB) Results %				
Organic	____	____	12.9	12.9
Residue	____	____	44.7	32.7
Carbonate	____	____	42.4	54.9
Other	____	____	____	____
Asbestos	____	____	Tr	Tr
Q.C.	☐	☐	chr	chr

NYC 9/11 Public Portal Document

NYC-WTC_000121649

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10878
Microscope OLYC BH-2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGTT. 395 SOUTHEND AVE Project No. _____

Analysis Date 10/26/01 Analyst C. of Cardenas Batch No. 3161

1 Field No. 21	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wavy Extinction P	0.25 Chrysotile	25 Cellulose	40 Mineral Filler	13.1 Organic
Recommended ☑	Homogenity V	RI ⊥ 1.549 RI ∥ 1.556	____ Amosite	34.75 Fiberglass	____ Organic Binders	34.6 Residue
Gravimetric PREP ☑	# of Layers ____	DS Color B/M Color,Pleo W	____ Other	____ Other	____ Vermiculite	52.3 Carbonate
Gravimetric (NOB) PLM ☑	Asbestos ☑ ☐	Biref L Sign +			____ Other	____ Other
Gravimetric (NOB) TEM ☑	Color of Layer ____ Detected Yes No					TR Asbestos
POINT COUNT RESULTS ON THE BACK	Comments:			a.c. ☐		chr
	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

2 Field No. 22	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wavy Extinction P	0.5 Chrysotile	23.5 Cellulose	43 Mineral Filler	19.6 Organic
Recommended ☑	Homogenity V	RI ⊥ 1.549 RI ∥ 1.556	____ Amosite	3.3 Fiberglass	____ Organic Binders	27.5 Residue
Gravimetric PREP ☑	# of Layers ____	DS Color B/M Color,Pleo W	____ Other	____ Other	____ Vermiculite	52.9 Carbonate
Gravimetric (NOB) PLM ☑	Asbestos ☑ ☐	Biref L Sign +			____ Other	____ Other
Gravimetric (NOB) TEM ☑	Color of Layer ____ Detected Yes No					TR Asbestos
POINT COUNT RESULTS ON THE BACK	Comments:			a.c. ☐		chr
	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

3 Field No. 23	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wavy Extinction P	0.25 Chrysotile	24.75 Cellulose	43 Mineral Filler	13.7 Organic
Recommended ☑	Homogenity V	RI ⊥ 1.549 RI ∥ 1.556	____ Amosite	3.2 Fiberglass	____ Organic Binders	29.6 Residue
Gravimetric PREP ☑	# of Layers ____	DS Color B/M Color,Pleo W	____ Other	____ Other	____ Vermiculite	56.7 Carbonate
Gravimetric (NOB) PLM ☑	Asbestos ☑ ☐	Biref L Sign +			____ Other	____ Other
Gravimetric (NOB) TEM ☑	Color of Layer ____ Detected Yes No					TR Asbestos
POINT COUNT RESULTS ON THE BACK	Comments:			a.c. ☐		chr
	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

4 Field No. 24	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wavy Extinction P	0.25 Chrysotile	22.75 Cellulose	43 Mineral Filler	13.7 Organic
Recommended ☑	Homogenity V	RI ⊥ 1.549 RI ∥ 1.556	____ Amosite	3.2 Fiberglass	____ Organic Binders	30.6 Residue
Gravimetric PREP ☑	# of Layers ____	DS Color B/M Color,Pleo W	____ Other	____ Other	____ Vermiculite	55.7 Carbonate
Gravimetric (NOB) PLM ☑	Asbestos ☑ ☐	Biref L Sign +			____ Other	____ Other
Gravimetric (NOB) TEM ☑	Color of Layer ____ Detected Yes No					TR Asbestos
POINT COUNT RESULTS ON THE BACK	Comments:			a.c. ☐		chr
	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

NYC 9/11 Public Portal Document

NYC-WTC_000121650

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10878
Microscope OLYF BH-2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT., 395 SOUTHEND AVE Project No. _____

Analysis Date 10/27/01 Analyst [illegible] Batch No. 3161

1 Field No. 25	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture fib	Morphology W Extinction 11	TR Chrysotile	23 Cellulose	30 Mineral Filler	11.7 Organic
Recommended ☑	Homogenity 4	RI I 1.1-1.7 RI II 1.17	___ Amosite	47 Fiberglass	___ Organic Binders	53.6 Residue
Gravimetric PREP ☑	# of Layers 1 Asbestos ☑ ☐	DS Color b/w Color,Pleo —	___ Other	___ Other	___ Vermiculite	34.7 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Chr

2 Field No. 26	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture fib	Morphology W Extinction 11	TR Chrysotile	20 Cellulose	35 Mineral Filler	13.9 Organic
Recommended ☑	Homogenity 4	RI I 1.1-1.7 RI II 1.17	___ Amosite	45 Fiberglass	___ Organic Binders	38.6 Residue
Gravimetric PREP ☑	# of Layers 1 Asbestos ☑ ☐	DS Color b/w Color,Pleo —	___ Other	___ Other	___ Vermiculite	47.5 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Chr

3 Field No. 27	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture fib	Morphology ___ Extinction ___	___ Chrysotile	17 Cellulose	33 Mineral Filler	___ Organic
Recommended ☐	Homogenity 4	RI I ___ RI II ___	___ Amosite	50 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 1 Asbestos ☐ ☑	DS Color ___ Color,Pleo ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

4 Field No. 28	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture fib	Morphology W Extinction 11	0.50 Chrysotile	17.50 Cellulose	34 Mineral Filler	14.0 Organic
Recommended ☑	Homogenity 4	RI I 1.1-1.7 RI II 1.17	___ Amosite	48 Fiberglass	___ Organic Binders	29.9 Residue
Gravimetric PREP ☑	# of Layers 1 Asbestos ☑ ☐	DS Color b/w Color,Pleo —	___ Other	___ Other	___ Vermiculite	56.1 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					Chr

NYC-WTC_000121651

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYF BH-2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT., 395 SOUTHEND AVE Project No. _____

Analysis Date 10/29/01 Analyst GA Batch No. 3161

1 Field No. 29	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture Pels	Morphology W Extinction 11	TR Chrysotile	14 Cellulose	40 Mineral Filler	13.7 Organic
Recommended ☑	Homogenity 4	RI I 1.4 RI II 1.4	___ Amosite	46 Fiberglass	___ Organic Binders	47.8 Residue
Gravimetric PREP ☑	# of Layers 7 Asbestos ☑ ☐	DS Color b/w Color,Pleo ✓	___ Other	___ Other	___ Vermiculite	38.5 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref ✓ Sign T			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr.

2 Field No. 30	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture Pels	Morphology W Extinction 11	0.25 Chrysotile	17.75 Cellulose	32 Mineral Filler	14.9 Organic
Recommended ☑	Homogenity 4	RI I 1.4 RI II 1.4	___ Amosite	50 Fiberglass	___ Organic Binders	54.2 Residue
Gravimetric PREP ☑	# of Layers 7 Asbestos ☑ ☐	DS Color b/w Color,Pleo ✓	___ Other	___ Other	___ Vermiculite	30.9 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref ✓ Sign T			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr.

3 Field No. 31	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture Pels	Morphology W Extinction 11	TR Chrysotile	20 Cellulose	33 Mineral Filler	12.4 Organic
Recommended ☑	Homogenity 7	RI I 1.4 RI II 1.4	___ Amosite	47 Fiberglass	___ Organic Binders	55.8 Residue
Gravimetric PREP ☑	# of Layers 7 Asbestos ☑ ☐	DS Color b/w Color,Pleo ✓	___ Other	___ Other	___ Vermiculite	31.8 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref ✓ Sign T			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr.

4 Field No. 32	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture Pels	Morphology W Extinction 11	TR Chrysotile	15 Cellulose	40 Mineral Filler	12.5 Organic
Recommended ☑	Homogenity 4	RI I 1.4 RI II 1.4	___ Amosite	45 Fiberglass	___ Organic Binders	39.2 Residue
Gravimetric PREP ☑	# of Layers 7 Asbestos ☑ ☐	DS Color b/w Color,Pleo ✓	___ Other	___ Other	___ Vermiculite	48.3 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref ✓ Sign T			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr.

NYC 9/11 Public Portal Document

NYC-WTC_000121652

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYP BH-2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT, 395 SOUTHEND AVE Project No. _____

Analysis Date 10/27/01 Analyst GA Batch No. 3161

1 Field No. 33	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture Pile	Morphology ___ Extinction ___	___ Chrysotile	22 Cellulose	36 Mineral Filler	___ Organic
Recommended ☐	Homogenity 4	RI I ___ RI II ___	___ Amosite	42 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 4 Asbestos ☐ ☑	DS Color ___ Color,Pleo ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☑ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

2 Field No. 34	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture Pile	Morphology W Extinction 11	TR Chrysotile	16 Cellulose	38 Mineral Filler	10.8 Organic
Recommended ☑	Homogenity 4	RI I 1.4 RI II 1.4	___ Amosite	46 Fiberglass	___ Organic Binders	51.8 Residue
Gravimetric PREP ☑	# of Layers 4 Asbestos ☑ ☐	DS Color b/w Color,Pleo —	___ Other	___ Other	___ Vermiculite	37.4 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr

3 Field No. 35	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture Pile	Morphology W Extinction 11	0.25 Chrysotile	27.75 Cellulose	40 Mineral Filler	11.0 Organic
Recommended ☑	Homogenity 4	RI I 1.4 RI II 1.4	___ Amosite	32 Fiberglass	___ Organic Binders	42.8 Residue
Gravimetric PREP ☑	# of Layers 4 Asbestos ☑ ☐	DS Color b/w Color,Pleo ___	___ Other	___ Other	___ Vermiculite	46.2 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr

4 Field No. 36	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture Pile	Morphology W Extinction 11	0.25 Chrysotile	20.75 Cellulose	31 Mineral Filler	12.5 Organic
Recommended ☑	Homogenity 4	RI I 1.4 RI II 1.4	___ Amosite	48 Fiberglass	___ Organic Binders	49.9 Residue
Gravimetric PREP ☑	# of Layers 4 Asbestos ☑ ☐	DS Color b/w Color,Pleo —	___ Other	___ Other	___ Vermiculite	37.6 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr

NYC-WTC_000121653

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10879
Microscope OLYF BH 2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT. 395 SOUTHEND AVE Project No. _____

Analysis Date 10/27/01 Analyst [illegible] Batch No. 3161

1 Field No. 37	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture [illegible]	Morphology W Extinction 11	TR Chrysotile	23 Cellulose	27 Mineral Filler	11.4 Organic
Recommended ☑	Homogenity V	RI I 1.4 RI II 1.4	___ Amosite	50 Fiberglass	___ Organic Binders	51.3 Residue
Gravimetric PREP ☑	# of Layers 1 Asbestos ☑ ☐	DS Color b/m Color,Pleo —	___ Other	___ Other	___ Vermiculite	37.3 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr

2 Field No. 38	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture [illegible]	Morphology W Extinction 11	TR Chrysotile	24 Cellulose	30 Mineral Filler	11.5 Organic
Recommended ☑	Homogenity V	RI I 1.4 RI II 1.4	___ Amosite	46 Fiberglass	___ Organic Binders	49.1 Residue
Gravimetric PREP ☑	# of Layers 1 Asbestos ☑ ☐	DS Color b/m Color,Pleo —	___ Other	___ Other	___ Vermiculite	39.4 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr

3 Field No. 39	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture [illegible]	Morphology W Extinction 11	TR Chrysotile	35 Cellulose	25 Mineral Filler	9.4 Organic
Recommended ☑	Homogenity V	RI I 1.4 RI II 1.4	___ Amosite	40 Fiberglass	___ Organic Binders	63.4 Residue
Gravimetric PREP ☑	# of Layers 1 Asbestos ☑ ☐	DS Color b/m Color,Pleo —	___ Other	___ Other	___ Vermiculite	27.2 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr

4 Field No. 40	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan Texture [illegible]	Morphology W Extinction 11	0.25 Chrysotile	27.75 Cellulose	30 Mineral Filler	8.4 Organic
Recommended ☑	Homogenity V	RI I 1.4 RI II 1.4	___ Amosite	42 Fiberglass	___ Organic Binders	55.2 Residue
Gravimetric PREP ☑	# of Layers 1 Asbestos ☑ ☐	DS Color b/m Color,Pleo —	___ Other	___ Other	___ Vermiculite	36.4 Carbonate
Gravimetric (NOB) PLM ☑	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☑	Comments:			Q.C. ☐		TR Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					chr

NYC 9/11 Public Portal Document

NYC-WTC_000121654

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10878
Microscope OLYMPUS BH-2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT. 395 SOUTHEND AVE Project No. _____

Analysis Date 10/27/01 Analyst LNA Batch No. 3161

	1	2	3	4
Field No.	41	42	43	44
Gravimetric (NOB) Required	☐	☐	☐	☐
Recommended	☑	☑	☑	☐
Gravimetric PREP	☑	☑	☑	☐
Gravimetric (NOB) PLM	☑	☑	☑	☐
Gravimetric (NOB) TEM	☐	☑	☑	☐
POINT COUNT RESULTS ON THE BACK				
Stereoscopic Exam				
Color	tan	tan	tan	tan
Texture	fib	fib	fib	fib
Homogenity	4	4	4	4
# of Layers	4	4	4	4
Asbestos	☑ ☐	☑ ☐	☑ ☐	☑ ☐
Color of Layer	———	———	———	———
Detected Yes No				
Comments:				
Method: ☑ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0				
PLM Optical Properties				
Morphology	W	W	W	W
Extinction	P	P	P	P
RI ⊥	1.54	1.54	1.54	1.54
RI ∥	1.62	1.62	1.62	1.62
DS Color	bl/m	bl/m	bl/m	bl/m
Color,Pleo	———	———	———	———
Biref	L	L	L	L
Sign	+	+	+	+
Asbestos Results PLM %				
Chrysotile	TR	TR	TR	TR
Amosite	———	———	———	———
Other	———	———	———	———
Other Fibrous %				
Cellulose	23	20	18	23
Fiberglass	40	50	54	40
Other	———	———	———	———
D.C.	☐	☐	☐	☐
Non Fibrous %				
Mineral Filler	37	30	28	37
Organic Binders	———	———	———	———
Vermiculite	———	———	———	———
Other	———	———	———	———
Gravimetric (NOB) Results %				
Organic	13.2	13.5	21.4	———
Residue	28.9	23.6	18.6	———
Carbonate	57.9	62.9	60.0	———
Other	———	———	———	———
Asbestos	TR	TR	TR	———
	ehr	ehr	ehr	

NYC 9/11 Public Portal Document

NYC-WTC_000121655

NYC 9/11 Public Portal Document

ALC Environmental Inc.

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10,24,01

PROJECT NAME: Gateway Plaza Mgmt.

PROJECT ADDRESS: 395 Southend ave. - Bldg. 6000

TURN AROUND TIME 2hr___ 6hr___ 12hr✓ 24hr___ 72hr___ Other___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
	1	Misc	#10A, Living Rm, WS		
	2		#10B, Living Rm, FLR		
	3		#10J, Living Rm, WS		
	4		#10L, Living Rm, FLR		
	5		#10M, Living Rm, FLR		
	6		#10N, Living Rm, WS		
	7		#10P, Living Rm, FLR		
	8		#9L, Living Rm, FLR		
	9		#9N, Living Rm, WS		
	10		#9A, Living Rm, FLR		
	11		#9B, Living Rm, FLR		
	12		#9D, Living Rm, FLR		
	13		#9G, Living Rm, WS		
	14		#8A, Living Rm, FLR		
	15		#8B, Living Rm, FLR		
	16		#8F, Living Rm, WS		
	17		#8J, Living Rm, WS		
	18		#8K, Living Rm, WS		
	19		#8N, Living Rm, FLR		
	20		#8P Living Rm, FLR		

Field Comments:

Relinquished by: _____ Date: 10-24-01

Received by: _____ Date: 10/24/01 1950

Laboratory Name: _____

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

NYC-WTC_000121656

NYC 9/11 Public Portal Document

ALC Environmental Inc.

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 24 / 01

PROJECT NAME: Gateway Plaza Mgmt.

PROJECT ADDRESS: 395 South End Avenue - Building 600

TURN AROUND TIME 2hr___ 6hr___ 12hr ✓ 24hr___ 72hr___ Other___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	21	Misc	7A - livingrm - floor		
	22		7B - livingrm - floor		
	23		7C - livingrm - floor		
	24		7D - livingrm - floor		
	25		7N - livingrm - floor		
	26		7P - livingrm - floor		
	27		7P - livingrm - WSill		
	28		6A - livingrm - floor		
	29		6B - livingrm - floor		
	30		6N - livingrm. floor		
	31		6N - Bedrm. floor		
	32		6AA - livingrm - floor		
	33		5B - Bedrm 2 - floor		
	34		5B - livingrm - floor		
	35		5P - livingrm - floor		
	36		4A - livingrm - floor		
	37		4D - livingrm - floor		
	38		4N - livingrm - floor		
	39		4P - livingrm - floor		
	40		4P - livingrm - WSill		

Field Comments:

Relinquished by: [signature] Date: 10-24-01

Received by: [signature] Date: 10/24/01 1950

Laboratory Name:

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct (212) 279-1001 • Fax (212) 279-6747 • Toll Free (888)-466-3620

NYC-WTC_000121657

NYC 9/11 Public Portal Document

ALC Environmental Inc.

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10/24/01

PROJECT NAME: Gateway Plaza Mgmt.

PROJECT ADDRESS: 395 Southend ave. - Bldg. 600

TURN AROUND TIME 2hr____ 6hr____ 12hr✓ 24hr____ 72hr____ Other____

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	41	MISC	#3N, living Rm, flr		
|	42	|	#2B, living Rm, flr		
|	43	|	#2C, living Rm, flr		
|	44	|	#2D, living Rm, WS		

Field Comments:

Relinquished by: [signature] Date: 10-24-01

Received by: [signature] Date: 10/24/01 1950

Laboratory Name:

115 WEST 30TH STREET • 11TH FLOOR • NEW YORK, NY 10001 • DIRECT (212) 279-1001 • FAX (212) 279-6747 • TOLL FREE (888)-466-3620

NYC-WTC_000121658

NYC-WTC_000121659

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NYLAP [illegible]
ELAP [illegible]
Microscope [illegible]

Client / Project ALC ENV. / GATEWAY PLAZA MGMT., 395 SOUTHEND AVE BLDG. 600 Project No. _____

Analysis Date 10/26/01 Analyst E. A. CANAZERO Batch No. 3161

1 Field No. 1	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color BROWN Texture F Homogeneity Y # of Layers ____ Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments: Method: ☐ BULK - DS ☐ DISP ☐ DS ☐ other ☒ SCANNING OPTICAL LIGHT (P.C.) (S.E.M.) Total 4 pages, Asbestos = 0	Morphology ____ Extinction ____ RI ____ RI ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	20 Cellulose 30 Fiberglass ____ Other Q.C. ☐	50 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos

2 Field No. 2	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color BROWN Texture F Homogeneity Y # of Layers ____ Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments: Method: ☐ BULK - DS ☐ DISP ☐ DS ☐ other ☐ SCANNING OPTICAL LIGHT (P.C.) (S.E.M.) Total 4 pages, Asbestos = 0	Morphology Way Extinction L RI 1.549 RI 1.556 DS Color B/M Color,Pleo N Biref L Sign +	Trace Chrysotile ____ Amosite ____ Other	20 Cellulose 35 Fiberglass ____ Other Q.C. ☐	45 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos

3 Field No. 3	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color BROWN Texture F Homogeneity Y # of Layers ____ Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments: Method: ☒ BULK - DS ☐ DISP ☐ DS ☐ other ☐ SCANNING OPTICAL LIGHT (P.C.) (S.E.M.) Total 4 pages, Asbestos = 0	Morphology Way Extinction L RI 1.549 RI 1.556 DS Color B/M Color,Pleo N Biref L Sign +	0.5 Chrysotile ____ Amosite ____ Other	23 Cellulose 37 Fiberglass ____ Other Q.C. ☐	40 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos

4 Field No. 4	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color BROWN Texture F Homogeneity Y # of Layers ____ Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments: Method: ☐ BULK - DS ☐ DISP ☐ DS ☐ other ☒ SCANNING OPTICAL LIGHT (P.C.) (S.E.M.) Total 4 pages, Asbestos = 0	Morphology ____ Extinction ____ RI ____ RI ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	25 Cellulose 35 Fiberglass ____ Other Q.C. ☐	40 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos

NYC-WTC_000121660

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor • New York, NY 10010 • Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 0306

NELAP 10872
ELAP 10872
Microscope DLYR (NE)

Client / Project ALC ENV. / GATEWAY PLAZA MGMT. 395 SOUTHEND AVE BLDG. 600 Project No. _____

Analysis Date 10/26/01 Analyst E. A. CARREIRA Batch No. 3161

	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	5	Color Brown Texture F Homogenity Y # of Layers ____ Asbestos ☒ Color of Layer ____ Detected Yes No Comments:	Morphology Wavy Extinction II RI l 1.549 RI ll 1.556 DS Color B/M Color,Pleo W Biref L Sign +	1% Chrysotile ____ Amosite ____ Other	22 Cellulose 30 Fiberglass ____ Other	48 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
2	6	Color Brown Texture F Homogenity Y # of Layers ____ Asbestos ☒ Color of Layer ____ Detected Yes No Comments:	Morphology Wavy Extinction II RI l 1.549 RI ll 1.556 DS Color B/M Color,Pleo W Biref L Sign +	1% Chrysotile ____ Amosite ____ Other	27 Cellulose 28 Fiberglass ____ Other	45 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
3	7	Color Brown Texture F Homogenity Y # of Layers ____ Asbestos ☒ Color of Layer ____ Detected Yes No Comments:	Morphology Wavy Extinction II RI l 1.549 RI ll 1.556 DS Color B/M Color,Pleo W Biref L Sign +	1% Chrysotile ____ Amosite ____ Other	25 Cellulose 30 Fiberglass ____ Other	45 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
4	8	Color Brown Texture F Homogenity Y # of Layers ____ Asbestos ☒ Color of Layer ____ Detected Yes No Comments:	Morphology Wavy Extinction II RI l 1.549 RI ll 1.556 DS Color B/M Color,Pleo W Biref L Sign +	0.25% Chrysotile ____ Amosite ____ Other	23 Cellulose 34.75 Fiberglass ____ Other	42 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos

Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Method: ☒ EPA ☐ EPA ☐ EPA ☐ other ☐ Scanning Options: ELAP (P.C.) 1.5 EPA First 4 prep. Asbestos = 0

Q.C. ☐

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NYLAP 101181
FLAP 10879
Microscope OLYMPUS

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT., 395 SOUTHEND AVE Project No. _____

Analysis Date 10/26/01 Analyst E. A. CUARTEROS Batch No. 3161

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. 9	Color Brown; Texture F; Homogenity Y; # of Layers ___; Asbestos ☐ ☒; Color of Layer ___; Detected Yes No	Morphology ___; Extinction ___; RI I ___; RI II ___; DS Color ___; Color Plea ___; Brief ___; Sign ___	Chrysotile; Amosite; Other	25 Cellulose; 37 Fiberglass; Other	38 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
2 Field No. 10	Color Brown; Texture F; Homogenity Y; # of Layers ___; Asbestos ☐ ☒; Color of Layer ___; Detected Yes No	Morphology ___; Extinction ___; RI I ___; RI II ___; DS Color ___; Color Plea ___; Brief ___; Sign ___	Chrysotile; Amosite; Other	20 Cellulose; 37 Fiberglass; Other	43 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
3 Field No. 11	Color Brown; Texture F; Homogenity Y; # of Layers ___; Asbestos ☐ ☒; Color of Layer ___; Detected Yes No	Morphology ___; Extinction ___; RI I ___; RI II ___; DS Color ___; Color Plea ___; Brief ___; Sign ___	Chrysotile; Amosite; Other	22 Cellulose; 38 Fiberglass; Other	40 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos
4 Field No. 12	Color Brown; Texture F; Homogenity Y; # of Layers ___; Asbestos ☒ ☐; Color of Layer ___; Detected Yes No	Morphology Wrg; Extinction 11; RI I 1.549; RI II 1.556; DS Color B/M; Color Plea N; Brief L; Sign +	Trace Chrysotile; Amosite; Other	20 Cellulose; 35 Fiberglass; Other	45 Mineral Filler; Organic Binders; Vermiculite; Other	Organic; Residue; Carbonate; Other; Asbestos

Comments:

Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) 3% EPA First 4 preps. Asbestos = 0

Q.C. ☐

NYC-WTC_000121661

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8308

NYLAP 101107
ELAP 10878
Microscope DEVP DII-2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT., 395 SOUTHEND AVE Project No. _____

Analysis Date 10/26/01 Analyst E. A. CUARTEROS Batch No. 3161

1 Field No. 13	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Brown Texture F Homogenity Y # of Layers ___ Asbestos ☐ ☒ Color of Layer ___ Detected Yes No	Morphology ___ Extinction ___ RI I ___ RI II ___ DS Color ___ Color Plea ___ Biref ___ Sign ___	___ Chrysotile ___ Amosite ___ Other	18 Cellulose 32 Fiberglass ___ Other	50 Mineral Filler ___ Organic Binders ___ Vermiculite ___ Other	___ Organic ___ Residue ___ Carbonate ___ Other ___ Asbestos
Point Count Results on the Back	Comments: Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING DETECT: ELAP (P.C. 16 EPA) First 4 pieces. Asbestos = 0			Q.C. ☐		

2 Field No. 14	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Brown Texture F Homogenity Y # of Layers ___ Asbestos ☒ ☐ Color of Layer ___ Detected Yes No	Morphology Wavy Extinction 11 RI I 1.549 RI II 1.556 DS Color BIM Color Plea N Biref L Sign +	Trace Chrysotile ___ Amosite ___ Other	22 Cellulose 35 Fiberglass ___ Other	43 Mineral Filler ___ Organic Binders ___ Vermiculite ___ Other	___ Organic ___ Residue ___ Carbonate ___ Other ___ Asbestos
Point Count Results on the Back	Comments: Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING DETECT: ELAP (P.C. 16 EPA) First 4 pieces. Asbestos = 0			Q.C. ☐		

3 Field No. 15	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Brown Texture F Homogenity Y # of Layers ___ Asbestos ☐ ☒ Color of Layer ___ Detected Yes No	Morphology ___ Extinction ___ RI I ___ RI II ___ DS Color ___ Color Plea ___ Biref ___ Sign ___	___ Chrysotile ___ Amosite ___ Other	20 Cellulose 37 Fiberglass ___ Other	43 Mineral Filler ___ Organic Binders ___ Vermiculite ___ Other	___ Organic ___ Residue ___ Carbonate ___ Other ___ Asbestos
Point Count Results on the Back	Comments: Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING DETECT: ELAP (P.C. 16 EPA) First 4 pieces. Asbestos = 0			Q.C. ☐		

4 Field No. 16	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Brown Texture F Homogenity Y # of Layers ___ Asbestos ☒ ☐ Color of Layer ___ Detected Yes No	Morphology Wavy Extinction 11 RI I 1.549 RI II 1.556 DS Color BIM Color Plea N Biref L Sign +	Trace Chrysotile ___ Amosite ___ Other	23 Cellulose 36 Fiberglass ___ Other	41 Mineral Filler ___ Organic Binders ___ Vermiculite ___ Other	___ Organic ___ Residue ___ Carbonate ___ Other ___ Asbestos
Point Count Results on the Back	Comments: Method: ☒ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING DETECT: ELAP (P.C. 16 EPA) First 4 pieces. Asbestos = 0			Q.C. ☐		

NYC-WTC_000121663

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NYLAP [illegible]
ELAP [illegible]
Microscope [illegible]

Client / Project ALC ENV. / GATEWAY PLAZA MGMT, 395 SOUTHEND AVE BLDG. 600 Project No. _____

Analysis Date 10/26/01 Analyst E. A. CARAZEROS Batch No. 3161

	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	17	Color Brown Texture F Homogenity V # of Layers ____ Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI ____ RI ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	25 Cellulose 35 Fiberglass ____ Other	40 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
2	18	Color Brown Texture F Homogenity V # of Layers ____ Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI ____ RI ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	25 Cellulose 37 Fiberglass ____ Other	38 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
3	19	Color Brown Texture F Homogenity V # of Layers ____ Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology Wav Extinction II RI 1.549 RI 1.556 DS Color B/M Color,Pleo N Biref L Sign +	0.25 Chrysotile ____ Amosite ____ Other	20.75 Cellulose 34 Fiberglass ____ Other	45 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
4	20	Color Brown Texture F Homogenity V # of Layers ____ Asbestos ☒ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology Wav Extinction II RI 1.549 RI 1.556 DS Color B/M Color,Pleo N Biref L Sign +	Tr Chrysotile ____ Amosite ____ Other	22 Cellulose 38 Fiberglass ____ Other	40 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos

Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Method: ☐ [illegible] ☐ [illegible] ☐ [illegible] ☐ other ☒ [illegible] ☐ [illegible]

O.C. ☐

NYC-WTC_000121664

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP lab#
ELAP 10918
Microscope ELAP ID #

Bldg. 600

Client / Project ALC Env. / Gateway Plaza Mgmt, 395 Southend Ave Project No. ____

Analysis Date 10/26/01 Analyst E. A. Carreros Batch No. 3161

1 Field No. 21	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wavy Extinction P	0.25 Chrysotile	25 Cellulose	40 Mineral Filler	____ Organic
Recommended ☒	Homogenity Y	RIl 1.549 RIh 1.556	____ Amosite	34.75 Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers ____ Asbestos ☒ ☐	DS Color B/M Color,Pleo W	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref L Sign +			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		____ Asbestos
POINT COUNT RESULTS ON THIS DATA	Method: ☒ PLM + DS ☐ DSP ☐ TEM ☐ other ☐ SCANNING OPTICAL MICROSCOPY (S.O.M.) & TEM Point Counts: Asbestos + 0					

2 Field No. 22	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wavy Extinction P	0.5 Chrysotile	23.5 Cellulose	43 Mineral Filler	____ Organic
Recommended ☒	Homogenity Y	RIl 1.549 RIh 1.556	____ Amosite	33 Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers ____ Asbestos ☒ ☐	DS Color B/M Color,Pleo W	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref L Sign +			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		____ Asbestos
POINT COUNT RESULTS ON THIS DATA	Method: ☒ PLM + DS ☐ DSP ☐ TEM ☐ other ☐ SCANNING OPTICAL MICROSCOPY (S.O.M.) & TEM Point Counts: Asbestos + 0					

3 Field No. 23	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wavy Extinction P	0.25 Chrysotile	24.75 Cellulose	43 Mineral Filler	____ Organic
Recommended ☒	Homogenity Y	RIl 1.549 RIh 1.556	____ Amosite	32 Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers ____ Asbestos ☒ ☐	DS Color B/M Color,Pleo W	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref L Sign +			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		____ Asbestos
POINT COUNT RESULTS ON THIS DATA	Method: ☒ PLM + DS ☐ DSP ☐ TEM ☐ other ☐ SCANNING OPTICAL MICROSCOPY (S.O.M.) & TEM Point Counts: Asbestos + 0					

4 Field No. 24	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Brown Texture F	Morphology Wavy Extinction P	0.25 Chrysotile	22.75 Cellulose	45 Mineral Filler	____ Organic
Recommended ☒	Homogenity Y	RIl 1.549 RIh 1.556	____ Amosite	32 Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers ____ Asbestos ☒ ☐	DS Color B/M Color,Pleo W	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref L Sign +			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		____ Asbestos
POINT COUNT RESULTS ON THIS DATA	Method: ☒ PLM + DS ☐ DSP ☐ TEM ☐ other ☐ SCANNING OPTICAL MICROSCOPY (S.O.M.) & TEM Point Counts: Asbestos + 0					

NYC-WTC_000121665

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101157-0
ELAP 10319
Microscope 01 F BH-1

Client / Project ALC ENV. / GATEWAY PLAZA MGMT, 395 SOUTHEND AVE BLDG. 600 Project No. _____

Analysis Date 10/27/01 Analyst QA Batch No. 3161

	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. 25 Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color tan Texture fib Homogenity 4 # of Layers 1 Asbestos ☑ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI | 1.549 RI ⊥ 1.519 DS Color blue Color,Pleo — Biref L Sign +	15 Chrysotile — Amosite — Other	23 Cellulose 45 Fiberglass — Other	30 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
	Method: ☑ PLM + TEM ☐ PLM ☐ TEM ☐ other ☐ SCANNING OPTION: PLM (P.C.) & TEM Total Fibers, Asbestos + 0			O.C. ☐		
2 Field No. 26 Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color tan Texture fib Homogenity 4 # of Layers 1 Asbestos ☑ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI | 1.549 RI ⊥ 1.519 DS Color blue Color,Pleo — Biref L Sign +	15 Chrysotile — Amosite — Other	20 Cellulose 45 Fiberglass — Other	35 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
	Method: ☑ PLM + TEM ☐ PLM ☐ TEM ☐ other ☐ SCANNING OPTION: PLM (P.C.) & TEM Total Fibers, Asbestos + 0			O.C. ☐		
3 Field No. 27 Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color tan Texture fib Homogenity 4 # of Layers 1 Asbestos ☐ ☑ Color of Layer — Detected Yes No Comments:	Morphology — Extinction — RI | — RI ⊥ — DS Color — Color,Pleo — Biref — Sign —	— Chrysotile — Amosite — Other	17 Cellulose 50 Fiberglass — Other	33 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
	Method: ☐ PLM + TEM ☐ PLM ☐ TEM ☐ other ☐ SCANNING OPTION: PLM (P.C.) & TEM Total Fibers, Asbestos + 0			O.C. ☐		
4 Field No. 28 Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color tan Texture fib Homogenity 4 # of Layers 1 Asbestos ☑ ☐ Color of Layer — Detected Yes No Comments:	Morphology W Extinction P RI | 1.549 RI ⊥ 1.519 DS Color blue Color,Pleo — Biref L Sign +	0.5 Chrysotile — Amosite — Other	17.5 Cellulose 48 Fiberglass — Other	34 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
	Method: ☑ PLM + TEM ☐ PLM ☐ TEM ☐ other ☐ SCANNING OPTION: PLM (P.C.) & TEM Total Fibers, Asbestos + 0			O.C. ☐		

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

101 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101387
ELAP 10478
Microscope OLYP BH 2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT, 395 SOUTHEND AVE Project No. _____

Analysis Date 10/29/01 Analyst [signature] Batch No. 3161

1 Field No. 29	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan; Texture [illegible]	Morphology W; Extinction 11	TR Chrysotile	14 Cellulose	40 Mineral Filler	___ Organic
Recommended ☑	Homogenity 4	RI I 1.4; RI II 1.4	___ Amosite	46 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 4; Asbestos ☑ ☐	DS Color b/w; Color Pleo ✓	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___; Detected Yes No	Biref ✓; Sign T			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point count results on the back	Method: ☑ EPA + EPA' ☐ EPA ☐ EPA' ☐ OTHER ☐ SCANNING OPTIONS: EPA (P.C.) & EPA' Find 4 preps. Asbestos = 0					

2 Field No. 30	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan; Texture [illegible]	Morphology W; Extinction 11	0.25 Chrysotile	17.7 Cellulose	32 Mineral Filler	___ Organic
Recommended ☑	Homogenity 4	RI I 1.4; RI II 1.4	___ Amosite	50 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 4; Asbestos ☑ ☐	DS Color b/w; Color Pleo ✓	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___; Detected Yes No	Biref ✓; Sign T			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point count results on the back	Method: ☑ EPA + EPA' ☐ EPA ☐ EPA' ☐ OTHER ☐ SCANNING OPTIONS: EPA (P.C.) & EPA' Find 4 preps. Asbestos = 0					

3 Field No. 31	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan; Texture [illegible]	Morphology W; Extinction 11	TR Chrysotile	20 Cellulose	33 Mineral Filler	___ Organic
Recommended ☑	Homogenity 4	RI I 1.4; RI II 1.4	___ Amosite	47 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 4; Asbestos ☑ ☐	DS Color b/w; Color Pleo ✓	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___; Detected Yes No	Biref ✓; Sign T			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point count results on the back	Method: ☑ EPA + EPA' ☐ EPA ☐ EPA' ☐ OTHER ☐ SCANNING OPTIONS: EPA (P.C.) & EPA' Find 4 preps. Asbestos = 0					

4 Field No. 32	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan; Texture [illegible]	Morphology W; Extinction 11	TR Chrysotile	15 Cellulose	40 Mineral Filler	___ Organic
Recommended ☑	Homogenity 4	RI I 1.4; RI II 1.4	___ Amosite	45 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 4; Asbestos ☑ ☐	DS Color b/w; Color Pleo ✓	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___; Detected Yes No	Biref ✓; Sign T			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point count results on the back	Method: ☑ EPA + EPA' ☐ EPA ☐ EPA' ☐ OTHER ☐ SCANNING OPTIONS: EPA (P.C.) & EPA' Find 4 preps. Asbestos = 0					

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3509 or 8306

NYLAP 101187
ELAP 10379
Microscope OLYF BH 2

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT., 395 SOUTHEND AVE Project No. _____

Analysis Date 10/27/01 Analyst GZA Batch No. 3161

1 Field No. 33	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture Pebb	Morphology ___ Extinction ___	___ Chrysotile	22 Cellulose	36 Mineral Filler	___ Organic
Recommended ☐	Homogenity Y	RI I ___ RI II ___	___ Amosite	42 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers Y Asbestos ☐ ☑	DS Color ___ Color Pleo ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point count results on the back	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ other ☑ Scanning option: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

2 Field No. 34	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture Pebb	Morphology W Extinction 11	TR Chrysotile	16 Cellulose	38 Mineral Filler	___ Organic
Recommended ☑	Homogenity Y	RI I 1.4 RI II 1.4	___ Amosite	46 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers Y Asbestos ☑ ☐	DS Color 6/m Color Pleo —	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point count results on the back	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ other ☐ Scanning option: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

3 Field No. 35	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture Pebb	Morphology W Extinction 11	0.25 Chrysotile	27.75 Cellulose	40 Mineral Filler	___ Organic
Recommended ☑	Homogenity Y	RI I 1.4 RI II 1.4	___ Amosite	32 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers Y Asbestos ☑ ☐	DS Color 6/m Color Pleo ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point count results on the back	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ other ☐ Scanning option: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

4 Field No. 36	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture Pebb	Morphology W Extinction 11	0.25 Chrysotile	20.75 Cellulose	31 Mineral Filler	___ Organic
Recommended ☑	Homogenity Y	RI I 1.4 RI II 1.4	___ Amosite	48 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers Y Asbestos ☑ ☐	DS Color 6/m Color Pleo —	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point count results on the back	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ other ☐ Scanning option: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor • New York, NY 10010 • Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NYLAP 101101
ELAP 10879
Microscope NLYP 811-1

BLDG. 600

Client / Project ALC ENV. / GATEWAY PLAZA MGMT. 395 SOUTHEND AVE Project No. _____

Analysis Date 10/27/01 Analyst [illegible] Batch No. 3161

1 Field No. 37	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan; Texture [illegible]	Morphology W; Extinction ∥	TR Chrysotile	23 Cellulose	27 Mineral Filler	___ Organic
Recommended ☑	Homogenity Y	RI I 1.4 / RI II 1.4	___ Amosite	50 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 1; Asbestos ☑ ☐	DS Color b/m; Color Pleo —	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) FLM ☐	Color of Layer ___; Detected Yes No	Biref L; Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point count results on the back	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ other ☐ Scanning option: ELAP (P.C.) & EPA; First 4 preps. Asbestos = 0					

2 Field No. 38	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan; Texture [illegible]	Morphology W; Extinction ∥	TR Chrysotile	24 Cellulose	30 Mineral Filler	___ Organic
Recommended ☑	Homogenity Y	RI I 1.4 / RI II 1.4	___ Amosite	46 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 1; Asbestos ☑ ☐	DS Color b/m; Color Pleo CL	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) FLM ☐	Color of Layer ___; Detected Yes No	Biref L; Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point count results on the back	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ other ☐ Scanning option: ELAP (P.C.) & EPA; First 4 preps. Asbestos = 0					

3 Field No. 39	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan; Texture [illegible]	Morphology W; Extinction ∥	TR Chrysotile	35 Cellulose	25 Mineral Filler	___ Organic
Recommended ☑	Homogenity Y	RI I 1.4 / RI II 1.4	___ Amosite	40 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 1; Asbestos ☑ ☐	DS Color b/m; Color Pleo L	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) FLM ☐	Color of Layer ___; Detected Yes No	Biref L; Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point count results on the back	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ other ☐ Scanning option: ELAP (P.C.) & EPA; First 4 preps. Asbestos = 0					

4 Field No. 40	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color tan; Texture [illegible]	Morphology W; Extinction ∥	0.25 Chrysotile	27.75 Cellulose	30 Mineral Filler	___ Organic
Recommended ☑	Homogenity Y	RI I 1.4 / RI II 1.4	___ Amosite	42 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 1; Asbestos ☑ ☐	DS Color b/m; Color Pleo —	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) FLM ☐	Color of Layer ___; Detected Yes No	Biref L; Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			O.C. ☐		___ Asbestos
Point count results on the back	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ other ☐ Scanning option: ELAP (P.C.) & EPA; First 4 preps. Asbestos = 0					

NYC-WTC_000121669

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101197
ELAP 10872
Microscope ULVP 0112

Client / Project ALC ENV. / GATEWAY PLAZA MGMT, 395 SOUTHEND AVE BLDG. 600 Project No. _____

Analysis Date 10/27/01 Analyst GMA Batch No. 3161

	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	41	Color tan; Texture fib; Homogeneity 4; # of Layers 4; Color of Layer ____; Asbestos ☑; Detected Yes ☐ No; Comments:	Morphology W; RI l 1.54 m; DS Color lt tan; Blref L; Extinction P; RI ll 1.54 m; Color,Pleo ____; Sign +	TR Chrysotile; ____ Amosite; ____ Other	25 Cellulose; 40 Fiberglass; ____ Other	35 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	____ Organic; ____ Residue; ____ Carbonate; ____ Other; ____ Asbestos
2	42	Color tan; Texture fib; Homogeneity 4; # of Layers 4; Color of Layer ____; Asbestos ☑; Detected Yes ☐ No; Comments:	Morphology W; RI l 1.54 m; DS Color lt tan; Blref L; Extinction P; RI ll 1.54 m; Color,Pleo ____; Sign +	TR Chrysotile; ____ Amosite; ____ Other	20 Cellulose; 50 Fiberglass; ____ Other	30 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	____ Organic; ____ Residue; ____ Carbonate; ____ Other; ____ Asbestos
3	43	Color tan; Texture fib; Homogeneity 4; # of Layers 4; Color of Layer ____; Asbestos ☑; Detected Yes ☐ No; Comments:	Morphology W; RI l 1.54 m; DS Color lt tan; Blref L; Extinction P; RI ll 1.54 m; Color,Pleo ____; Sign +	TR Chrysotile; ____ Amosite; ____ Other	15 Cellulose; 55 Fiberglass; ____ Other	25 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	____ Organic; ____ Residue; ____ Carbonate; ____ Other; ____ Asbestos
	44	Color tan; Texture fib; Homogeneity 4; # of Layers 4; Color of Layer ____; Asbestos ☑; Detected Yes ☐ No; Comments:	Morphology W; RI l 1.54 m; DS Color lt tan; Blref L; Extinction P; RI ll 1.54 m; Color,Pleo ____; Sign +	TR Chrysotile; ____ Amosite; ____ Other	23 Cellulose; 40 Fiberglass; ____ Other	37 Mineral Filler; ____ Organic Binders; ____ Vermiculite; ____ Other	____ Organic; ____ Residue; ____ Carbonate; ____ Other; ____ Asbestos

NYC 9/11 Public Portal Document

ALC Environmental Inc.

#2510

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 11 / 20 / 01

PROJECT NAME: Gateway Plaza Mgmt.
PROJECT ADDRESS: 395 Southend ave. NYC.
Bldg. 600

TURN AROUND TIME 2hr___ 6hr___ 12hr ✓ 24hr___ 72hr___ Other___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	1	MISC	Apt # 6E, Living Rm		
1	2	" "	Apt # 2L, Living Rm, WS		

Field Comments:

Relinquished by: [signature] Date: 11-20-01
Received by: [signature] Date: 11/20/01
Laboratory Name: Yelena Reyzachar

2P2MC6

115 WEST 30TH STREET • 11TH FLOOR • NEW YORK, NY 10001 • DIRECT: (212) 279-1001 • FAX: (212) 279-6747 • TOLL FREE: (888)-466-3620

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101167
ELAP 10070
Microscope OLYP BH-2

Client / Project: ALC/ Gateway Plaza Mgmt. Project No. ____

Analysis Date: 11/21/01 Analyst: YReye Batch No. 3315

1 Field No. 01	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color: Grey Texture: Fw Homogenity: f # of Layers: ____ Asbestos: ☑ ☐ Color of Layer: ____ Detected: Yes No	Morphology: W Extinction: 11 RI I: 1.549 RI II: 1.536 DS Color: Brn Color,Pleo: ce Biref: C Sign: P	1.6 Chrysotile ____ Amosite ____ Other	41.4 Cellulose ____ Fiberglass ____ Other	57 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point count results on the back	Comments: Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ Other ☑ Scanning Option: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			Q.C. ☐		

2 Field No. 02	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color: Grey Texture: Fw Homogenity: f # of Layers: ____ Asbestos: ☑ ☐ Color of Layer: ____ Detected: Yes No	Morphology: W Extinction: 11 RI I: 1.549 RI II: 1.555 DS Color: Brn Color,Pleo: ce Biref: C Sign: P	1.3 Chrysotile ____ Amosite ____ Other	44.5 Cellulose ____ Fiberglass ____ Other	54.2 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point count results on the back	Comments: Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ Other ☑ Scanning Option: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			Q.C. ☐		

3 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color: ____ Texture: ____ Homogenity: ____ # of Layers: ____ Asbestos: ☐ ☐ Color of Layer: ____ Detected: Yes No	Morphology: ____ Extinction: ____ RI I: ____ RI II: ____ DS Color: ____ Color,Pleo: ____ Biref: ____ Sign: ____	____ Chrysotile ____ Amosite ____ Other	____ Cellulose ____ Fiberglass ____ Other	____ Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point count results on the back	Comments: Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ Other ☐ Scanning Option: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			Q.C. ☐		

4 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color: ____ Texture: ____ Homogenity: ____ # of Layers: ____ Asbestos: ☐ ☐ Color of Layer: ____ Detected: Yes No	Morphology: ____ Extinction: ____ RI I: ____ RI II: ____ DS Color: ____ Color,Pleo: ____ Biref: ____ Sign: ____	____ Chrysotile ____ Amosite ____ Other	____ Cellulose ____ Fiberglass ____ Other	____ Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point count results on the back	Comments: Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ Other ☐ Scanning Option: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			Q.C. ☐		

NYC-WTC_000121671

Batch # 3036

ALC Environmental Inc.

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 3 / 01

PROJECT NAME: Mid-State

PROJECT ADDRESS: 395 Southend ave. NYC - Bldg. 600

TURN AROUND TIME 2hr___ 6hr___ 12hr ✓ 24hr___ 72hr___ Other___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	1	Misc	Plant Debris	1	

Field Comments:

Relinquished by: [signature] Date: 10-3-01

Received by: [signature] Date: 10/3/01 2030

Laboratory Name: Yelena Rayzakhal

1 pm

115 West 30th Street • 11th Floor • New York, NY 10001 • Direct: (212) 279-1001 • Fax: (212) 279-6747 • Toll Free: (888)-466-3620

NYC-WTC_000121673

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor · New York, NY 10010 · Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101167
ELAP 10439
Microscope DLW# 011-2

Client / Project AJC / MID-STATE, 395 SOUTHEND AVE. BLDG 600 Project No. _____

Analysis Date 10/9/01 Analyst LReyes Batch No 3036

1 Field No. 01	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☑ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐ POINT COUNT RESULTS ON THE BACK	Color Grey Texture Fib Homogenity F # of Layers 1 Asbestos ☑ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology W Extinction P RI | 1.548 RI ⊥ 1.535 DS Color ____ Color,Pleo ____ Biref ____ Sign ____	0.75 Chrysotile ____ Amosite ____ Other	30,25 Cellulose 36 Fiberglass ____ Other	33 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
	Method: ☑ PLM + EPA ☐ PLM ☐ EPA ☐ other ☐ SCANNING OPTION: PLM (P.C.) & EPA First 4 preps. Asbestos = 0			O.C. ☐		

2 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color ____ Texture ____ Homogenity ____ # of Layers ____ Asbestos ☐ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI | ____ RI ⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	____ Cellulose ____ Fiberglass ____ Other	____ Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
	Method: ☐ PLM + EPA ☐ PLM ☐ EPA ☐ other ☐ SCANNING OPTION: PLM (P.C.) & EPA First 4 preps. Asbestos = 0			O.C. ☐		

3 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color ____ Texture ____ Homogenity ____ # of Layers ____ Asbestos ☐ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI | ____ RI ⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	____ Cellulose ____ Fiberglass ____ Other	____ Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
	Method: ☐ PLM + EPA ☐ PLM ☐ EPA ☐ other ☐ SCANNING OPTION: PLM (P.C.) & EPA First 4 preps. Asbestos = 0			O.C. ☐		

4 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color ____ Texture ____ Homogenity ____ # of Layers ____ Asbestos ☐ ☐ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI | ____ RI ⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	____ Cellulose ____ Fiberglass ____ Other	____ Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
	Method: ☐ PLM + EPA ☐ PLM ☐ EPA ☐ other ☐ SCANNING OPTION: PLM (P.C.) & EPA First 4 preps. Asbestos = 0			O.C. ☐		

NYC 9/11 Public Portal Document

NYC 9/11 Public Portal Document

7.14 Air Sample Clearance Results

NYC 9/11 Public Portal Document

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

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, NY

Received: 12/18/01 8:00:00 AM
ATC Group #: 6137
Analysis Date: 12/18/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-1 6137 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-2 6137 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-3 6137 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-4 6137 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-5 6137 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-6 6137 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-7 6137 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-8 6137 -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 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

NYC-WTC_000121675

NYC 9/11 Public Portal Document

Attn: Mr. Joshua Saren
ALC Environmental
115 W. 30th Street
New York NY 10001
Fax: (212) 279-6747 Phone: (212) 279-1001

Project: Gateway Plaza Management
395 Southerd Ave. , Bldg. 600 , New York , NY

Received: 12/18/01 8:00:00 AM
ATC Group #: 6137
Analysis Date: 12/18/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-9 6137 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-10 6137 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-11 6137 -11	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-12 6137 -12	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-13 6137 -13	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-14 6137 -14	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-15 6137 -15	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-16 6137 -16	1800.00	0.0450	0	CHRYSOTILE	0	1	0.0048	22.24	0.0048	
D-17 6137 -17	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-18 6137 -18	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 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

NYC-WTC_000121676

NYC 9/11 Public Portal Document

Attn: Mr. Joshua Sarett
ALC Environmental
115 W. 30th Street
New York NY 10001
Fax: (212) 279-6747 Phone: (212) 279-1001

Received: 12/18/01 8:00:00 AM
ATC Group #: 6137
Analysis Date: 12/18/01

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-19 6137 -19	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-20 6137 -20	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-21 6137 -21	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-22 6137 -22	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-23 6137 -23	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-24 6137 -24	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 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

NYC-WTC_000121677

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Sampled By: Benyagayer Date: 12/17/01

Work Area: Bed #600 Rotometer #: Project #:

Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-1	5 floor Hallway W. Wall		9 32	12 32	180	10	10	1800		
D-2	5 floor Hallway E. Wall		9 33	12 33	180	10	10	1800		
D-3	5 floor apt 5N Bedroom		9 34	12 34	180	10	10	1800		
D-4	5 floor apt 5A Livingroom		9 35	12 35	180	10	10	1800		
D-5	5 floor apt 5BB Bedroom		9 36	12 36	180	10	10	1800		
D-6	4 floor Hallway W. Wall		9 45	12 45	180	10	10	1800		
D-7	4 floor Hallway E. Wall		9 46	12 46	180	10	10	1800		
D-8	4 floor apt 4H Livingroom		9 47	12 47	180	10	10	1800		

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 E. Excursion T. TWA

Analysis: ☐ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished _____ Date/Time _____ Received ATC JP Date/Time 12/18/01

Analylist _____ Disposal By/Date _____ 8am

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

NYC-WTC_000121679

Sampled By: Becky Agrigen Date: 12/17/01 4 of 4

Work Area: BCC #602 Rotometer #: Project #: Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-9	4 f Coor apt 4P Bedroom		9^48	12^48	180	10	10	1800		
D-10	4 f Coor apt 4E Living room		9^49	12^49	180	10	10	1800		
D-11	3 f Coor W. Wall		10^00	13^00	180	10	10	1800		
D-12	3 f Coor E. Wall		10^01	13^01	180	10	10	1800		
D-13	3 f Coor apt 3P Bedroom		10^02	13^02	180	10	10	1800		
D-14	3 f Coor apt 3AA Living room		10^03	13^03	180	10	10	1800		
D-15	3 f Coor apt 3C Bedroom		10^04	13^04	180	10	10	1800		
D-16	2 f Coor Hallway E. Wall		14^01	17^01	180	10	10	1800		

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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished _____ Date/Time _____ Received AFC FD Date/Time 12/18/01 8am

Analylist _____ Disposal By/Date _____

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

The First Choice for Environmental Testing & Consulting

NYC 9/11 Public Portal Document

ENVIRONMENT INCORPORATED

The First Choice for Environmental Testing & Consulting

Sampled By: [illegible] Date: 12/17/01 5 of 4

Work Area: Bed # 600- Rotometer #: Project #:

Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-17	2 floor Hallway W. Wall	1	14 02	17 02	180	10	10	1800		
D-18	2 floor apt 2BB Bedroom		14 03	17 03	180	10	10	1800		
D-19	2 floor apt 2D Livingroom		14 04	17 04	180	10	10	180		
D-20	2 floor apt 2B Bedroom		14 05	17 05	180	10	10	1800		
D-21	1 floor W. Wall		14 10	17 10	180	10	10	1800		
D-22	1 floor E. Wall		14 11	17 11	180	10	10	1800		
D-23	1 floor S. Wall		14 12	14 12	180	10	10	1800		
D-24	1 floor N. Wall		14 13	14 13	180	10	10	1800		

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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished _____ Date/Time _____ Received AGC [illegible] Date/Time 12/18/01

Analylist _____ Disposal By/Date _____ [illegible]

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Client: Gateway Plaza
Sampled By: Bonyagupu
Work Area: Bld #600
Date: 12/17/01
Rotometer #:
Project #:

Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-25	Field Blank									
D-26	Field Blank									
D-27	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 E. Excursion T. TWA

Analysis: ☐ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☐ Same Day (12hr) ☐

Relinquished _____ Date/Time _____ Received ATC JD Date/Time 12/18/01

Analylist _____ Disposal By/Date _____ 8am

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

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

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, NY

Received: 12/17/01 7:00:00 AM
ATC Group #: 6124
Analysis Date: 12/17/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
1 6124 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 6124 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 6124 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 6124 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 6124 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 6124 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
7 6124 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
8 6124 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 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

NYC-WTC_000121682

NYC 9/11 Public Portal Document

Attn: Mr. Joshua Sarett
ALC Environmental
115 W. 30th Street
New York NY 10001
Fax: (212) 279-6747 Phone: (212) 279-1001

Received: 12/17/01 7:00:00 AM

ATC Group #: 6124

Analysis Date: 12/17/01

Project: Gateway Plaza Management
395 Southerd Ave. , Bldg. 600 , New York , 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
9 6124 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 6124 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
11 6124 -11	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 6124 -12	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
13 6124 -13	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
14 6124 -14	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
15 6124 -15	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
16 6124 -16	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
17 6124 -17	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
18 6124 -18	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RPey

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 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

NYC-WTC_000121683

NYC 9/11 Public Portal Document

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

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

Received: 12/17/01 7:00:00 AM

ATC Group #: 6124

Analysis Date: 12/17/01

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
19 6124 -19	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
20 6124 -20	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
21 6124 -21	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
22 6124 -22	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
23 6124 -23	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
24 6124 -24	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
25 6124 -25	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
26 6124 -26	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
27 6124 -27	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
28 6124 -28	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 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

NYC 9/11 Public Portal Document

Received: 12/17/01 7:00:00 AM

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

ATC Group #: 6124

Analysis Date: 12/17/01

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

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
29 6124 -29	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
30 6124 -30	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
31 6124 -31	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
32 6124 -32	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
33 6124 -33	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
34 6124 -34	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
35 6124 -35	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
36 6124 -36	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
37 6124 -37	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
38 6124 -38	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

MICHAEL A. GORYCKI, Ph.D.
Approved by: Michael A Gorycki

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 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

NYC-WTC_000121685

NYC 9/11 Public Portal Document

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
395 Southerd Ave., Bldg. 600, New York, NY

Received: 12/17/01 7:00:00 AM
ATC Group #: 6124
Analysis Date: 12/17/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
39 6124 -39	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
40 6124 -40	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
41 6124 -41	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
42 6124 -42	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
43 6124 -43	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
44 6124 -44	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
45 6124 -45	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RPey

MICHAEL A. GORYCKI, Ph.D.
Approved by: Michael A Gorycki

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 reports 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

NYC-WTC_000121686

NYC-WTC_000121687

NYC 9/11 Public Portal Document

6124

Asbestos Air Sampling Data Form

Client: GATE-WAY PLAZA MANAGEMENT CORP Date: 12-16-01

Sampled By: ALVIN BLAKE Rotometer #: .001 Project #:

Work Area: BUILDING 600 GATE WAY PLAZA (395 SOUTH END AVE MANHATTAN)

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
1	APT 15L INSIDE LIVING ROOM	3	7 00 P.m	10 00 P.m	180	10	10	1800		
2	APT 15P BEDROOM/ LIVING	3	7 03 P.m	10 03 P.m	180	10	10	1800		
3	15 FLOOR HALLWAY OUTSIDE APT 15P	3	7 06 P.m	10 06 P.m	180	10	10	1800		
4	APT 15C LIVING ROOM	3	7 10 P.m	10 10 P.m	180	10	10	1800		
5	HALL-WAY 15 FLOOR OUTSIDE APT 15C	3	7 12 P.m	10 12 P.m	180	10	10	1800		
6	APT 14M BEDROOM	3	7 15 P.m	10 15 P.m	180	10	10	1800		
7	APT 14D LIVING ROOM	3	7 18 P.m	10 18 P.m	180	10	10	1800		
8	14 FLOOR HALL-WAY OUTSIDE APT 14D	3	7 21 P.m	10 21	180	10	10	1800		

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

Analysis: [X] TEM AHERA: [ ] TEM Philadelphia [ ] PCM NIOSH 7400

Turnaround: [ ] ASAP [ ] 2 Day (48hr) [X] Same Day (12hr) [X] RUSH

Relinquished A. BLAKE Date/Time _____ Received ATC FD Date/Time 12/17/01

Analylist ATC-TEM By RRy 12/17/01 15:00 Disposal By/Date _____ 7 am

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215 732 9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC-WTC_000121688

NYC 9/11 Public Portal Document

Asbestos Air Sampling Data Form

Client: GATE WAY PLAZA MANAGEMENT CORP Date: 12-16-01

Sampled By: A. BLAKE Rotometer #: 001 Project #:

Work Area: BUILDING 600 GATE WAY PLAZA 395 SOUTH END AVE (MANHATTAN)

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
9	APT 14 G BED-ROOM	3	7:23 P.m	10:23 P.m	180	10	10	1800		
10	HALL-WAY 14 FLOOR OUTSIDE APT 14G	3	7:26 P.m	10:26 P.m	180	10	10	1800		
11	APT 12 L LIVING ROOM	3	7:30 P.m	10:30 P.m	180	10	10	1800		
12	APT 12 N BED ROOM	3	7:33 P.m	10:33 P.m	180	10	10	1800		
13	HALL-WAY 12 FLR OUTSIDE APT 12 N	3	7:36 P.m	10:36 P.m	180	10	10	1800		
14	APT 12 B LIVING ROOM	3	7:39 P.m	10:39 P.m	180	10	10	1800		
15	HALL-WAY OUTSIDE APT 12 B	3	7:42 P.m	10:42 P.m	180	10	10	1800		
16	APT 11 M BED ROOM	3	10:45 P.m	1:45 A.m	180	10	10	1800		

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal

A. Aggressive D. Dormant

I. 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) ☐ RUSH

Relinquished A. BLAKE Date/Time

Analylist ATC-TEM By [signature] 12/17/01 (5 CAD)

Received ATC FD Date/Time 12/17/01 7am

Disposal By/Date

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888 789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

6124

Asbestos Air Sampling Data Form

Client: GATE WAY PLAZA MANAGEMENT CORP Date: 12-16-01

Sampled By: A. BLAKE Rotometer #: 801 Project #:

Work Area: BUILDING - 600 GATE WAY PLAZA 395 SOUTH END AVE.

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
17	APT 11K LIVING ROOM	3	1048	1 48 AM	180	10	10	1800		
18	HALL-WAY 11 FLOOR OUTSIDE APT 11K	3	1050	1 52 AM	180	10	10	1800		
19	APT 11E BEDROOM	3	1054	1 54 AM	180	10	10	1800		
20	11 FLOOR HALL-WAY OUTSIDE APT 11E	3	1056	1 56 AM	180	10	10	1800		
21	APT 10P LIVING ROOM	3	1059	1 59 AM	180	10	10	1800		
22	HALL-WAY 10FLR OUTSIDE APT 10P	3	1100	2 02 AM	180	10	10	1800		
23	APT 10B BEDROOM	3	1104	2 04 AM	180	10	10	1800		
24	APT 10F LIVING ROOM	3	1106	2 06 AM	180	10	10	1800		

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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☒ RUSH

Relinquished A. BLAKE Date/Time Received ATC FD Date/Time 12/17/01

Analylist ATC-TEM By RDey 12/17/01 15:00 Disposal By/Date 7am

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

6124

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA MANAGEMENT CORP Date: 12-16-01

Sampled By: A-BLAKE Rotometer #: 001 Project #:

Work Area: BUILDING - 600 GATEWAY PLAZA, 395 SOUTHEND AVE.

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
25	HALL-WAY 10 FLOOR OUTSIDE APT 10F	3	11:08 PM	2:08 AM	180	10	10	1800		
26	APT 9J LIVING RM/BEDRM	3	11:12 PM	2:12 AM	180	10	10	1800		
27	APT 9N BEDRM	3	11:14 PM	2:14 AM	180	10	10	1800		
28	HALL-WAY 9 FLOOR OUTSIDE APT 9N	3	11:16 PM	2:16 AM	180	10	10	1800		
29	APT 9A BEDROOM	3	11:18 PM	2:18 AM	180	10	10	1800		
30	HALL-WAY 9 FLOOR OUTSIDE APT 9A	3	11:20 PM	2:20 AM	180	10	10	1800		
31	APT 8H BEDROOM	3	2:23 AM	5:23 AM	180	10	10	1800		
32	APT 8M LIVING ROOM	3	2:25 AM	5:25 AM	180	10	10	1800		

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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☒ RUSH

Relinquished A-BLAKE Date/Time

Received ATC JD Date/Time 12/17/01

Analylist ATC-TEM By RRUF 12/17/01 15:00

Disposal By/Date 7 am

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC-WTC_000121691

NYC 9/11 Public Portal Document

6124

Asbestos Air Sampling Data Form

Client: GATE WAY PLAZA MANAGEMENT CORP Date: 12-16-01

Sampled By: A-BEARS Rotometer #: .001 Project #:

Work Area: GATEWAY PLAZA - BUILDING 600 - 395 SOUTH END AVE

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
33	HALL-WAY 8 FLOOR OUTSIDE APT 8M	3	12:27 PM	5:27 PM	180	10	10	1800		
34	APT 8B BEDROOM	3	12:29 PM	5:29 PM	180	10	10	1800		
35	8 FLOOR HALL-WAY OUTSIDE APT 8B	3	12:31 PM	5:31 PM	180	10	10	1800		
36	APT 7A A LIVING ROOM	3	2:34 PM	5:34 PM	180	10	10	1800		
37	HALL-WAY 7TH FLR OUTSIDE APT 7AA	3	2:36 PM	5:36 PM	180	10	10	1800		
38	APT 7N BEDROOM	3	2:38 PM	5:38 PM	180	10	10	1800		
39	APT 7D LIVING ROOM	3	2:40 PM	5:40 PM	180	10	10	1800		
40	HALL-WAY 7 FLOOR OUTSIDE APT 7D	3	2:42 PM	5:42 PM	180	10	10	1800		

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

Analysis: [X] TEM AHERA [ ] TEM Philadelphia [ ] PCM NIOSH 7400

Turnaround: [ ] ASAP [ ] 2 Day (48hr) [X] Same Day (12hr) RUSH

Relinquished Analyst: A-BEARS Date/Time: AIC-TEM By RRy 12/17/01 5:20

Received: AIC FD Date/Time: 12/17/01 7am

Disposal By/Date:

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888 789 8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

6124

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA MANAGEMENT CORP Date: 12-16-01

Sampled By: A. BLAKE Rotometer #: Project #:

Work Area: BUILDING - 600 GATEWAY PLAZA - 395 SOUTH END AVE

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
41	APT 6H KITCHEN	3	2 45 AM	5 45 AM	180	10	10	1800		
42	APT 6N LIVING ROOM	3	2 48 AM	5 48 AM	180	10	10	1800		
43	HALL-WAY 6FLOOR OUTSIDE APT 6L	3	2 51 AM	5 51 AM	180	10	10	1800		
44	APT 6C LIVINGROOM	3	2 54 AM	5 54 AM	180	10	10	1800		
45	6th FLR HALL-WAY OUTSIDE APT 6C	3	2 57 AM	5 57 AM	180	10	10	1800		
46	BLANK	/	/							
47	BLANK	/	/							
48	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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☐ RUSH

Relinquished: A. BLAKE Date/Time

Analylist: ATC-TEM By RRey 12/17/01 15:00

Received: ATC JD Date/Time 12/17/01 7am

Disposal By/Date

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.
New York, New York 10018
www.atc-enviro.com
212.353.8280
Fax 212.353.8306

December 17, 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. 6124.

Client: Gateway Plaza Mngt. Corp., 395 South End Ave., NY, NY
Project Name: Building 600
Location: Various Sites
Samples received: 12/17/01

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 of the sample analyses 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

NYC 9/11 Public Portal Document

10-4

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

Project: Gateway Plaza Management
395 Southerd Ave. , Bldg. 600 , New York , NY

Received: 12/17/01 7:00:00 AM

ATC Group #: 6123

Analysis Date: 12/17/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-1 6123 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-2 6123 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-3 6123 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-4 6123 -4	1800.00	0.0450	0	CHRYSOTILE	1	0	0.0048	22.24	0.0048	
D-5 6123 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-6 6123 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-7 6123 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-8 6123 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 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

NYC-WTC_000121694

NYC 9/11 Public Portal Document

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
395 Southerd Ave. , Bldg. 600 , New York , NY

Received: 12/17/01 7:00:00 AM
ATC Group #: 6123
Analysis Date: 12/17/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-9 6123 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-10 6123 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-11 6123 -11	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-12 6123 -12	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-13 6123 -13	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-14 6123 -14	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-15 6123 -15	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-16 6123 -16	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-17 6123 -17	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-18 6123 -18	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RPeys

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 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

NYC-WTC_000121695

NYC 9/11 Public Portal Document

Attn: Mr. Joshua Sarett
ALC Environmental
115 W. 30th Street
New York NY 10001
Fax: (212) 279-6747 Phone: (212) 279-1001

Received: 12/17/01 7:00:00 AM
ATC Group #: 6123
Analysis Date: 12/17/01

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-19 6123 -19	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-20 6123 -20	1800.00	0.0450	0	CHRYSOTILE	0	1	0.0048	22.24	0.0048	
D-21 6123 -21	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-22 6123 -22	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-23 6123 -23	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-24 6123 -24	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-25 6123 -25	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-26 6123 -26	1800.00	0.0450	0	CHRYSOTILE	1	0	0.0048	22.24	0.0048	
D-27 6123 -27	1800.00	0.0450	0	CHRYSOTILE	1	2	0.0048	66.73	0.0143	
D-28 6123 -28	1800.00	0.0450	0	CHRYSOTILE	1	1	0.0048	44.48	0.0095	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 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

NYC-WTC_000121696

NYC 9/11 Public Portal Document

Received: 12/17/01 7:00:00 AM

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

ATC Group #: 6123

Analysis Date: 12/17/01

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

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-29 6123 -29	1800.00	0.0450	0	CHRYSOTILE	0	1	0.0048	22.24	0.0048	
D-30 6123 -30	1800.00	0.0450	0	CHRYSOTILE	2	0	0.0048	44.48	0.0095	

ROMAN PEYSAKHOV
Analyzed by: RPey

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 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

NYC-WTC_000121697

Client: Gataway Plaza Date: 12/16/01

Sampled By: Benyaguyer Rotometer #: Project #:

Work Area: Bld # 600 Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-1	21 floor Hallway E. wall		9 25	12 25	180	10	10	1800		
D-2	21 floor Hallway W. wall		9 26	12 26	180	10	10	1800		
D-3	21 floor apt 21 E Livingro		9 27	12 27	180	10	10	1800		
D-4	21 floor apt 21 L Bedroom		9 28	12 28	180	10	10	1800		
D-5	21 floor apt 21 K Bedroom		9 29	12 29	180	10	10	1800		
D-6	20 floor Hallway E. wall		9 36	12 36	180	10	10	1800		
D-7	20 floor Hallway W. wall		9 37	12 37	180	10	10	1800		
D-8	20 floor apt 20 A Livingroo		9 38	12 38	180	10	10	1800		

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 E. Excursion T. TWA

Analysis: ☐ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished _____ Date/Time _____ Received HTC JD Date/Time 12/17/01

Analylist HTC-TEM RRY 12/17/01 10:00 Disposal By/Date _____ 7am

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

NYC-WTC_000121699

NYC 9/11 Public Portal Document

Client: Gateway Plaza — Asbestos Air Sampling Data Form — 2 of 4

Sampled By: Bewyaguyer — Date: 12/16/01.

Work Area: Bsl #600 — Rotometer #: — Project #:

Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-9	20 f coor apt 20L Livingroom		9 39	12 39	180	10	10	1800		
D-10	20 f coor apt 20 M. Bedroom		9 40	12 40	18	10	10	1800		
D-11	19 f coor Hallway W. wall		9 50	12 50	180	10	10	1800		
D-12	19 f coor Hallway E wall		9 51	12 51	180	10	10	1800		
D-13	19 f coor apt 19K Livingroom		9 52	12 52	180	10	10	1800		
D-14	19 f coor apt 19 E Bedroom		9 53	12 53	180	10	10	1800		
D-15	19 f coor apt 19G Bedroom		9 54	12 54	180	10	10	1800		
D-16	18 f coor Hallway W. wall		14 00	17 00	180	10	10	1800		

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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished Analylist: ATC-TEM By RRy Date/Time 12/17/01 8:00

Received: WTC 70 Date/Time 12/17/01 7am

Disposal By/Date: _____

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC-WTC_000121700

NYC 9/11 Public Portal Document

Client: 6/25 Gateway Plaza — 3 of 4

Sampled By: Beenyageyer — Date: 12/16/01

Work Area: Bsmt. 6 & 9 — Rotometer #: — Project #: — Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-17	18 fl coor Hallway E. wall		14:01	17:01	180	10	10	1800		
D-18	18 fl coor apt 18A Living Rm		14:02	17:02	180	10	10	1800		
D-19	18 fl coor apt 18 B Bedroom		14:03	17:03	180	10	10	1800		
D-20	18 fl coor apt 18 L Bedroom		14:04	17:04	180	10	10	1800		
D-21	17 fl coor Hallway E. wall		14:12	17:12	180	10	10	1800		
D-22	17 fl coor Hallway W. wall		14:13	17:13	180	10	10	1800		
D-23	17 fl coor apt 17 L Bedroom		14:14	17:14	180	10	10	1800		
D-24	17 fl coor apt 17 E. Living Room		14:15	17:15	180	10	10	1800		

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; E. Excursion, T. TWA

Analysis: ☐ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished Analyst: ATC-TEM By RRy — Date/Time: 12/17/01 10:00

Received: ATC JD — Date/Time: 12/17/01 7 am

Disposal By/Date: _____

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Client: 6123 Gataway Plaza Date: 12/16/01

Sampled By: Benyaguyen Rotometer #: Project #:

Work Area: Bld #600 Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-25	17 floor apt 17 G Bedroom		14:16	17:16	180	10	10	1800		
D-26	16 floor Hallway E. wall		14:25	17:25	180	10	10	1800		
D-27	16 floor Hallway W. wall		14:26	17:26	180	10	10	1800		
D-28	16 floor apt 16 E Livingroom		14:27	17:27	180	10	10	1800		
D-29	16 floor apt 16 M Bedroom		14:28	17:28	180	10	10	1800		
D-30	16 floor apt 16 N Livingroom		14:29	17:29	180	10	10	1800		
D-31	Field Blank									
D-32	Field Blank									
D-33	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 E. Excursion T. TWA

Analysis: ☐ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐

Relinquished Date/Time Received ATC LD Date/Time 12/17/01 7am

Analylist ATC-TEM By RRey 12/17/01 10:00 Disposal By/Date

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

23
24

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

Project: Gateway Plaza Management
395 Southerd Ave. , Bldg. 600 , New York , NY

Received: 12/16/01 7:00:00 AM

ATC Group #: 6119

Analysis Date: 12/16/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
1 6119 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 6119 -2	1800 00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 6119 -3	1800 00	0.0450	0	None Detected	0	0	0 0048	<22.24	<0.0048	
4 6119 -4	1800.00	0.0450	0	None Detected	0	0	0 0048	<22.24	<0.0048	
5 6119 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 6119 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
7 6119 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
8 6119 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RPeys

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 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

NYC-WTC_000121702

NYC 9/11 Public Portal Document

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
395 Southerd Ave., Bldg. 600, New York, NY

Received: 12/16/01 7:00:00 AM
ATC Group #: 6119
Analysis Date: 12/16/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
9 6119-9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 6119-10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
11 6119-11	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 6119-12	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
13 6119-13	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
14 6119-14	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
15 6119-15	1800.00	0.0450	0	CHRYSOTILE	1	0	0.0048	22.24	0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 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

NYC-WTC_000121703

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

... Sampling Data Form

Client: 6119 Gateway Plaza Management Date: 12-15-01

Sampled By: Shane Schoffner Rotometer #: #2 Project #:

Work Area: 395 South End Ave Bldg# 600 Cassette - 2707

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
1	Apt#24-D Livingroom	3	1115	1415	180	10.0	10.0	1800		
2	Apt#24-D Bedroom	3	1117	1417	180	10.0	10.0	1800		
3	Apt#24-D Kitchen	3	1120	1420	180	10.0	10.0	1800		
4	24th floor East side Hallway	3	1145	1445	180	10.0	10.0	1800		
5	24th floor West side Hallway	3	1150	1450	180	10.0	10.0	1800		
6	Apt#23-L Livingroom	3	1210	1510	180	10.0	10.0	1800		
7	Apt#23-L Bedroom	3	1213	1513	180	10.0	10.0	1800		
8	Apt#23-L Kitchen	3	1215	1515	180	10.0	10.0	1800		

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 E. Excursion T. TWA

Analysis: ☒ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☐ _____

Relinquished: Shane Schoffner Date/Time: Received: ATC [illegible] Date/Time: 12/16/01 7am

Analylist: ATC-TEM By RRY 12/16/01 11:15 Disposal By/Date:

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

NYC-WTC_000121705

NYC 9/11 Public Portal Document

...Sampling Data Form

Client: 6119 Gateway Plaza Management Date: 12-15-01

Sampled By: Shane Schaffner Rotometer #: #2 Project #:

Work Area: 395 South End Ave Bldg #1600 Cassette 2707

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
9	23rd floor East side Hallway	3	1220	1520	180	10.0	10.0	1800		
10	23rd floor West side Hallway	3	1223	1523	180	10.0	10.0	1800		
11	Apt# 22-D Livingroom	3	1455	1755	180	10.0	10.0	1800		
12	Apt# 22-D Bedroom	3	1458	1758	180	10.0	10.0	1800		
13	Apt# 22-D Kitchen	3	1500	1800	180	10.0	10.0	1800		
14	22nd floor East side Hallway	3	1503	1803	180	10.0	10.0	1800		
15	22nd floor West side Hallway	3	1506	1806	180	10.0	10.0	1800		
16										
17	Field Blanks									

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 E. Excursion T. TWA

Analysis: ☑ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished: Shane Schaffner Date/Time _____ Received: ATC 79 Date/Time 12/16/01 7am

Analyst: ATC-TEM By RKy 12/16/01 Disposal By/Date _____

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

NYC-WTC_000121706

NYC 9/11 Public Portal Document

Client: 0111 GATEWAY PLAZA MANAGEMENT Date: 12-15-01

Sampled By: SHANE SCHAFFNER Rotometer #: #2 Project #:

Work Area: 395 South End Ave. Bldg #600 Cassette 2707

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
18	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 E. Excursion T. TWA

Analysis: ☑ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished: Shane Schaffner Date/Time _____ Received: ATC JD Date/Time: 12/16/01 7am

Analylist: ATC-TEM By RRy 12/16/01 11:45 Disposal By/Date _____

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC 9/11 Public Portal Document

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
Project: Gateway Plaza Management

Received: 12/14/01 9:00:00 PM
ATC Group #: 6111
Analysis Date: 12/15/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-1 6111 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-2 6111 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-3 6111 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-4 6111 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-5 6111 -5	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 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

Asbestos Air Sampling Data Form

Client: Gateway Date: 12/14/01

Sampled By: Banyaguyu Rotometer #: Project #:

Work Area: Bra # 600 Cassette

Sample # / Lab #	6111 Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-1	27 floor Hallway E wall		1505	1805	180	10	10	1800		
D-2	27 floor Hallway W. Wall		1506	1806	180	10	10	1800		
D-3	27 floor apt 27B Living Rm		1507	1807	180	10	10	1800		
D-4	27 floor apt 27E Bedroom		1508	1808	180	10	10	1800		
D-5	27 floor apt 27M Liv. Room		1509	1809	180	10	10	1800		
D-6	Field Blank									
D-7	Field Blank?									
D-8	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 E. Excursion T. TWA

Analysis: ☐ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☐ _____

Relinquished _____ Date/Time _____ Received HTC LD Date/Time 12/14/01 21:00

Analylist [signature] Disposal By/Date 12/15 11:30

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

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
Project: Gateway Plaza Management

Received: 12/14/01 9:00:00 PM
ATC Group #: 6107
Analysis Date: 12/15/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-1 6107 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-2 6107 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-3 6107 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-4 6107 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-5 6107 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-6 6107 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-7 6107 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-8 6107 -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: This 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 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

NYC-WTC_000121709

NYC 9/11 Public Portal Document

Attn: Mr. Joshua Saren
ALC Environmental
115 W. 30th Street
New York NY 10001
Fax: (212) 279-6747 Phone: (212) 279-1001

Project: Gateway Plaza Management

Received: 12/14/01 9:00:00 PM
ATC Group #: 6107
Analysis Date: 12/15/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-9 6107 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-10 6107 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-11 6107 -11	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-12 6107 -12	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-13 6107 -13	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-14 6107 -14	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-15 6107 -15	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-16 6107 -16	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-17 6107 -17	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-18 6107 -18	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 reports 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

NYC-WTC_000121710

NYC 9/11 Public Portal Document

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

Received: 12/14/01 9:00:00 PM
ATC Group #: 6107
Analysis Date: 12/15/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-19 6107 -19	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-20 6107 -20	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-21 6107 -21	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-22 6107 -22	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-23 6107 -23	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-24 6107 -24	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-25 6107 -25	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-26 6107 -26	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-27 6107 -27	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-28 6107 -28	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 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

NYC-WTC_000121711

NYC 9/11 Public Portal Document

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

Received: 12/14/01 9:00:00 PM
ATC Group #: 6107
Analysis Date: 12/15/01

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	Structures 5μ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-29 6107 -29	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-30 6107 -30	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 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

NYC-WTC_000121712

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Sampling Data Form

Client: 6101 Gateway Plaza Date: 12/14/01

Sampled By: Benyaguyer Rotometer #: Project #:

Work Area: Bld # 600 Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-1	31 floor Hallway W. wall		930	12 30	180	10	10	1800		
D-2	31 floor Hallway E. wall		931	12 31	180	10	10	1800		
D-3	31 floor D apt. 31D. Livingro		932	12 32	180	10	10	1800		
D-4	31 floor apt 31 N. Bedroom		933	12 33	180	10	10	1800		
D-5	31 floor apt 31 H Bedroom		934	12 34	180	10	10	1800		
D-6	30 floor Hallway W. wall		940	12 40	180	10	10	1800		
D-7	30 floor Hallway E. wall		941	12 41	180	10	10	1800		
D-8	30 floor apt 30E Bedroom		942	12 42	180	10	10	1800		

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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished _____ Date/Time _____ Received ATC [illegible] Date/Time 12/14/01 21:00

Analylist _____ Disposal By/Date _____

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

... Air Sampling Data Form

Client: 6107 Gataway Plaza Date: 12/14/01

Sampled By: Benyaguyer Rotometer #: Project #:

Work Area: Bca # 600 Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-9	30 f Coor apt 30L Liv. Room		9 43	12 43	180	10	10	1800		
D-10	30 f Coor apt 30 M Liv. Room		9 44	12 44	180	10	10	1800		
D-11	29 f Coor Hallway W. Wall		13 00	16 00	180	10	10	1800		
D-12	29 f Coor Hallway E. Wall		13 01	16 01	180	10	10	1800		
D-13	29 f Coor apt 29D Livingroom		13 02	16 02	180	10	10	1800		
D-14	29 f Coor apt 29F Bedroom		13 03	16 03	180	10	10	1800		
D-15	29 f Coor apt 29 M Bedroom		13 04	16 04	180	10	10	1800		
D-16	28 f Coor Hallway W. Wall		13 10	16 10	180	10	10	1800		

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 E. Excursion T. TWA

Analysis: ☐ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished _____ Date/Time _____ Received ATC JD Date/Time 12/14/01 21:00

Analylist _____ Disposal By/Date _____

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

[illegible] Sampling Data Form

Client: 6101 Gataway Plaza Date: 12/14/01

Sampled By: Benyaguyu Rotometer #: Project #:

Work Area: Bld # 600 Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-17	28 floor Hallway E. wall		13 11	16 11	180	10	10	1800		
D-18	28 floor apt 28 A Livingroo		13 12	16 12	180	10	10	1800		
D-19	28 floor apt 28 C Bedroo		13 13	16 13	180	10	10	1800		
D-20	28 floor apt 28 L Livingroo		13 14	16 14	180	10	10	1800		
D-21	26 floor Hallwa E. wall		16 40	19 40	180	10	10	1800		
D-22	26 floor Hallway W. floor		16 41	19 41	180	10	10	1800		
D-23	26 floor apt 26 D Livingroo		16 42	19 42	180	10	10	1800		
D-24	26 floor apt 26 C Bedroo		16 43	19 43	180	10	10	1800		

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 E. Excursion T. TWA

Analysis: ☐ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished _____ Date/Time _____ Received ATC JD Date/Time 12/14/01 21:00

Analylist _____ Disposal By/Date _____

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

6101

Asbestos Air Sampling Data Form

4 of 5

D

Client: Gataway Plaza

Date: 12/14/01

Sampled By: Bcuyaguyn

Rotometer #:

Project #:

Work Area: Bld #60D

Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-25	26 floor apt 26 M Bedroom		16 44	19 44	180	10	10	1800		
D-26	25 floor Hallway E. Wall		16 50	19 50	180	10	10	1800		
D-27	25 floor Hallway W. Wall		16 51	19 51	180	10	10	1800		
D-28	25 floor apt 25C Bedroom		16 52	19 52	180	10	10	1800		
D-29	25 floor apt 25 H Living		16 53	19 53	180	10	10	1800		
D-30	25 floor apt 25K Livingroom		16 54	19 54	180	10	10	1800		
D-31	Field Blank									
D-32	Field 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 E. Excursion T. TWA

Analysis: ☐ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐

Relinquished _____ Date/Time _____ Received ATC JD Date/Time 12/14/01 21:00

Analylist _____ Disposal By/Date _____

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Sampled By: Benyagnyu Date: 12/14/01

Work Area: B/d 9.600 Rotometer #: Project #:

Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-33	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 E. Excursion T. TWA

Analysis: ☐ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☐ Same Day (12hr) ☐ _____

Relinquished _____ Date/Time _____ Received AFC JD Date/Time 12/14/01

Analylist _____ Disposal By/Date _____ 21:00

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

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
Project: Gateway Plaza Management

Received: 12/14/01 6:10:00 AM
ATC Group #: 6093
Analysis Date: 12/14/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
1 6093 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 6093 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 6093 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 6093 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 6093 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 6093 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
7 6093 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
8 6093 -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 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

NYC-WTC_000121718

NYC 9/11 Public Portal Document

Attn: Mr. Joshua Saren
ALC Environmental
115 W. 30th Street
New York NY 10001
Fax: (212) 279-6747 Phone: (212) 279-1001
Project: Gateway Plaza Management

Received: 12/14/01 6:10:00 AM
ATC Group #: 6093
Analysis Date: 12/14/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
9 6093 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 6093 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
11 6093 -11	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 6093 -12	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
13 6093 -13	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
14 6093 -14	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
15 6093 -15	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
16 6093 -16	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
17 6093 -17	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
18 6093 -18	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 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

NYC-WTC_000121719

NYC 9/11 Public Portal Document

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

Received: 12/14/01 6:10:00 AM
ATC Group #: 6093
Analysis Date: 12/14/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
19 6093 -19	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
20 6093 -20	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 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

NYC-WTC_000121721

NYC 9/11 Public Portal Document

6093

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA MANAGEMENT CORP Date: 12/13/01

Sampled By: A. BLAKE Rotometer #: 001 Project #:

Work Area: BUILDING 600 GATEWAY PLAZA 395 SOUTH END AVE. MANHATTAN

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
1	INSIDE APT 35A LIVING ROOM	3	9:30 PM	12:30 AM	180	10	10	1800		
2	HALLWAY 35 FLOOR OUTSIDE APT 35A	3	9:32 P.M.	12:32 AM	180	10	10	1800		
3	APT 35L LIVING ROOM	3	9:35 PM	12:35 AM	180	10	10	1800		
4	HALLWAY 35FL OUTSIDE APT 35L	3	9:38 P.M.	12:38 AM	180	10	10	1800		
5	APT 35P INSIDE BEDROOM	3	9:40 PM	12:40 AM	180	10	10	1800		
6	APT 34M LIVING ROOM	3	9:50 P.M.	12:50 AM	180	10	10	1800		
7	HALLWAY 34FLR. OUTSIDE APT 34L	3	9:55 PM	12:55 AM	180	10	10	1800		
8	APT 34H BEDROOM	3	10:00 P.M.	1:00 A.M.	180	10	10	1800		

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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☐ RUSH

Relinquished Analyst: A. BLAKE Date/Time

Received: NYC Date/Time: 12/14/01 9:00 AM

Disposal By/Date: 12/14

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9199 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

NYC-WTC_000121722

NYC 9/11 Public Portal Document

6003

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA MANAGEMENT CORP
Sampled By: A-BLAKE
Work Area: BUILDING - 600 GATEWAY PLAZA, 395 SOUTH END AVE
Date: 12/13/01 — 12-14-01
Rotometer #: .001
Project #:

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
9	HALL-WAY 34 FLR OUTSIDE APT 34D	3	10 05 PM	7 05 AM	180	10	10	1800		
10	APT 34 D BEDROOM	3	10 10 P.M.	1 19 A.M.	180	10	10	1800		
11	APT 33 N LIVING ROOM	3	1 25 A.M.	4 15 A.M.	180	10	10	1800		
12	APT 33 P BEDROOM	3	1 18 A.M.	4 18 A.M.	180	10	10	1800		
13	HALL-WAY 33RD FLR OUTSIDE APT 33P	3	1 21 A.M.	4 21 A.M.	180	10	10	1800		
14	APT 33E LIVING RM	3	1 24 A.M.	4 24 A.M.	180	10	10	1800		
15	HALL-WAY 33 FLOOR OUT SIDE APT 33E	3	1 27 A.M.	4 27 A.M.	180	10	10	1800		
16	APT 32C LIVING ROOM	3	1 30 A.M.	4 30 A.M.	180	10	10	1800		

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

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

Relinquished Analyst: A-BLAKE Date/Time
Received: [illegible] Date/Time
Disposal By/Date: 12/14 9:00 AM

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

NYC-WTC_000121723

NYC 9/11 Public Portal Document

6 of 13

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA MANAGEMENT CORP

Sampled By: A. BLAKE

Date: 12/13/01 - 12/14/01

Work Area: BUILDING - 600 GATEWAY PLAZA - 395 SOUTH END AVE

Rotometer #: 001

Project #:

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
17	APT 32C BEDROOM	3	1:32 PM	4:32 PM	180	10	10	1800		
18	HALL WAY 32 FL OUTSIDE APT 32C	3	1:35 PM	4:35 PM	180	10	10	1800		
19	APT 32E LIVING ROOM	3	1:38 PM	4:38 PM	180	10	10	1800		
20	HALLWAY 32 FL OUTSIDE APT 32E	3	1:40 PM	4:40 PM	180	10	10	1800		
21	BLANK									
22	BLANK									
23	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; R. Excursion; T. TWA

Analysis: ☒ TEM AHERA; ☐ TEM Philadelphia; ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP; ☐ 2 Day (48hr); ☒ Same Day (12hr); ☒ RUSH

Relinquished Analyst: A. BLAKE Date/Time _____

Received: [illegible] Date/Time [illegible]

Disposal By/Date: 12/14 [illegible]

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888 789 8378 • Fax: 215 732 9559

www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

8. Certifications

NYC 9/11 Public Portal Document

8.1 Company License

NYC 9/11 Public Portal Document

DIVISION OF SAFETY AND HEALTH
License and Certificate Unit
BUILDING 12, Room 161
STATE CAMPUS
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

RESTRICTED LICENSE - NO ASBESTOS REMOVAL PERMITTED

LICENSE NUMBER: 00-0358
DATE OF ISSUE: 04/27/01
EXPIRATION DATE: 04/30/02

Contractor: Leadbusters Inc. T/A ALC Environmental

Address: 115 West 30th Street
Rm 1106
New York, NY 10001

Duly Authorized Representative: Joshua Sarett

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. The licensee verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Richard Cucolo, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (10-00)

NYC 9/11 Public Portal Document

8.2 Personnel Certifications

MUST BE CARRIED ON ASBESTOS PROJECTS

PII

CERTIFICATE NUMBER	
AH 01-03526	
EXPIRES	
SOCIAL SECURITY NUMBER	
PII	
EYES	HAIR
BRO	GRY
WEIGHT	HEIGHT
160 lbs.	5 ft. 02 in.

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
OOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

176814C

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
C - SAMPLING TECHNICIAN (07/02)

PII

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-442 (01/91)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C - SAMPLING TECHNICIAN (04/02)
H - PROJECT MONITOR (04/02)

PII

RICHARD CUCOLO, Director - For the Commissioner of Labor

MUST BE CARRIED ON ASBESTOS PROJECTS

[redacted]

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

CERTIFICATE NUMBER	AH 89-07160
EXPIRES	
SOCIAL SECURITY NUMBER	PII
EYES: BRO	HAIR: BRO
WEIGHT: 215 lbs.	HEIGHT: 5 ft. 4 in.

1800690

DOSH-442 (01/97)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
D - INSPECTOR (02/03)

PII

RICHARD CUCOLO, Director - For the Commissioner of Labor

MUST BE CARRIED ON ASBESTOS PROJECTS

PII

ADDRESS CORRESPONDENCE TO:
(Include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

CERTIFICATE NUMBER	
AH 00-08397	
EXPIRES	
SOCIAL SECURITY NUMBER	
PII	
EYES	HAIR
BRO	BLK
WEIGHT	HEIGHT
140 lbs.	5 ft. 07 in.

151565C

NYC 9/11 Public Portal Document

This certificate is the only documentation acceptable for purposes of interstate reciprocity among the Consortium of Northeast States. Certificate No. 315404

I - To be completed by trainee

Name of trainee (print):	Social Security Number:
PII	PII
Name of trainee (signature):	Telephone Number: (718) 442-3683
Address: PII	
(Street or PO Box) (City) (State) (Zip Code)	

II - To be completed by training sponsor

Sponsor's Name:	Telephone Number:
Address: ATC Associates Inc 104 East 25th St. NYC, NY 10010	Zip Code: 212-353-8280 Course Location: Same

Course Title: Air Sampling Tech

Language of Training: ☑ English ☐ Other: _____ Exam Grade: 86.1 FS

Dates of Training: From: 11/30/01 To: 12/6/01 Expires: 12/6/02

I certify that the asbestos safety training course given on the above date complied with both 10NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the student receiving this certificate completed the training course and successfully passed the examination.

Course Director: S. Winograd (Printed) _____ (Signature)

DOH-2832 (7/98) DEPT. OF LABOR

NYC-WTC_000121731

NYC 9/11 Public Portal Document

8.3 Laboratory Certifications

NYC 9/11 Public Portal Document

ANTONIA C. NOVELLO, M.D., M.P.H. Commissioner

Expires 12:01 AM April 1, 2001
ISSUED April 1, 2000
REVISED July 24, 2000

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

Lab ID No.: 10879

Director: MS. MILENA LOWD
Lab Name: ATC ASSOCIATES INC
Address : 104 EAST 25TH 10TH FLOOR
NEW YORK NY 10010

Is hereby APPROVED as an Environmental Laboratory for the category

ENVIRONMENTAL ANALYSES/SOLID AND HAZARDOUS WASTE

All approved subcategories and/or analytes are listed below:

Miscellaneous :
Asbestos in Friable Material
Asbestos in Non-Friable Materia
Lead in Dust Wipes
Lead in Paint

Serial No.: 107613

Wadsworth Center

Property of the New York State Department of Health. Valid only at the address shown.
Must be conspicuously posted. Valid certificate has a red serial number.

DOH-3317 (3/97)

NYC-WTC_000121733

NYC 9/11 Public Portal Document

ANTONIA C. NOVELLO, M.D., M.P.H. Commissioner

Expires 12:01 AM April 1, 2001
ISSUED April 1, 2000
REVISED July 24, 2000

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

Lab ID No.: 10879

Director: MS. MILENA LOWD
Lab Name: ATC ASSOCIATES INC
Address : 104 EAST 25TH 10TH FLOOR
NEW YORK NY 10010

is hereby APPROVED as an Environmental Laboratory for the category

ENVIRONMENTAL ANALYSES NON POTABLE WATER

All approved subcategories and/or analytes are listed below:

stewater Metals I
Lead, Total

Serial No.: 107610

Wadsworth Center

Property of the New York State Department of Health Valid only at the address shown
Must be conspicuously posted Valid certificate has a red serial number

DOH-3317 (3/97)

NYC-WTC_000121734

NYC 9/11 Public Portal Document

ENVIRONMENTAL LEAD PROFICIENCY ANALYTICAL TESTING (ELPAT) PROGRAM
INDIVIDUAL LABORATORY REPORT FOR ROUND 024
LAB ID=07054 SEPTEMBER 23, 1998
ATC ASSOCIATES INC., NEW YORK, NY 10010

SAMPLE TYPE	SAMPLE NO.	REPORTED RESULTS	REFERENCE VALUES *	ACCEPTABLE RANGE # LOWER	UPPER	LAB @ PERFORMANCE	Z & SCORE
Paint Chips (%)	1	0.6582	0.7432	0.5812	0.9052	A	-1.57
	2	0.1752	0.2127	0.1492	0.2762	A	-1.77
	3	0.051	0.0524	0.0377	0.0672	A	-0.29
	4	3.2413	3.3834	2.6436	4.1232	A	-0.58
Soil (mg/kg)	1	400.7	440.6	354	527.2	A	-1.38
	2	626.1	686.3	545.3	827.4	A	-1.28
	3	713.1	820.9	651.2	990.5	A	-1.91
	4	39.9	34.2	13.1	55.3	A	0.81
Dust Wipes (ug)	1	58	57.8355	37.5	78.2	A	0.02
	2	1047.3	1127.0581	884	1370.2	A	-0.98
	3	127.1	128.3887	93.4	163.4	A	-0.11
	4	354.8	401.8589	326	477.8	A	-1.86

* Reference value is the mean of the reference laboratories
\# Upper limit: reference value + 3 standard deviations
Lower limit: reference value - 3 standard deviations
@ A: Analysis acceptable; -: Results not reported
H: Results > upper limit, L: Results < lower limit, not acceptable
& Z Score = (reported result-reference value)/standard deviation
Note: the acceptablity of reported results is based on z-scores. This is why a reported result may appear acceptable according to performance limits, but be identified as an outlier.

LABORATORY YEAR-TO-DATE PERFORMANCE REPORT
LAB ID=07054

SAMPLE TYPE	ROUND NO.	ROUND * PERFORMANCE	ACCUMULATED 4 ROUNDS(%)		PERFORMANCE 2 ROUNDS(%)		PROFICIENCY RATING #
Paint Chips (%)	021	4/4					
	022	4/4					
	023	4/4					
	024	4/4	16/16	100	8/8	100	P
Soil (mg/kg)	021	4/4					
	022	4/4					
	023	4/4					
	024	4/4	16/16	100	8/8	100	P
Dust Wipes (ug)	021	4/4					
	022	4/4					
	023	4/4					
	024	4/4	16/16	100	8/8	100	P

* The denominators represent the number of total samples analyzed.
The numerators represent the number of acceptable results.
\# P : Proficient NP: Nonproficient -: Not Rated
Performance ratings are based on accumulated results over four rounds (one year). A lab's performance in ground paint chips, soil, or dust wipes is rated proficient (P), if: 1) three-fourths (75%) or more of the accumulated results over four rounds are acceptable or 2) for the last two rounds, all samples are analyzed and the results are 100 % acceptable.

NYC-WTC_000121735

NYC 9/11 Public Portal Document

ENVIRONMENTAL LEAD PROFICIENCY ANALYTICAL TESTING (ELPAT) PROGRAM
INDIVIDUAL LABORATORY REPORT FOR ROUND 023
LAB ID=07054 JUNE 24, 1998
ATC ASSOCIATES INC. NY, NEW YORK, NY 10010

SAMPLE TYPE	SAMPLE NO.	REPORTED RESULTS	REFERENCE VALUES *	ACCEPTABLE RANGE # LOWER	UPPER	LAB @ PERFORMANCE	Z & SCORE
Paint Chips (%)	1	0.0375	0.0366	0.0265	0.0467	A	-0.25
	2	1.8316	1.8085	1.4203	2.1966	A	0.18
	3	0.4177	0.4255	0.3469	0.5042	A	-0.30
	4	1.0184	1.0131	0.8111	1.2152	A	0.08
Soil (mg/kg)	1	1392.7	1421.6	1187.5	1655.6	A	-0.37
	2	61.4	57.4	36.9	77.9	A	0.59
	3	213	218.9	168	269.7	A	-0.35
	4	459.4	460.2	388.2	532.2	A	-0.03
Dust Wipes (ug)	1	112.3	129.1348	99.4	158.9	A	-1.70
	2	249.5	271.547	210.4	332.7	A	-1.08
	3	55.2	59.0183	38.4	79.7	A	-0.56
	4	569	561.9713	438.3	685.7	A	0.17

* Reference value is the mean of the reference laboratories
\# Upper limit: reference value + 3 standard deviations
Lower limit: reference value - 3 standard deviations
@ A: Analysis acceptable; -: Results not reported
H: Results > upper limit, L: Results < lower limit, not acceptable
& Z Score = (reported result-reference value)/standard deviation
Note: the acceptablity of reported results is based on z-scores. This is why a reported result may appear acceptable according to performance limits, but be identified as an outlier.

LABORATORY YEAR-TO-DATE PERFORMANCE REPORT
LAB ID=07054

SAMPLE TYPE	ROUND NO.	ROUND * PERFORMANCE	ACCUMULATED 4 ROUNDS(%)		PERFORMANCE 2 ROUNDS(%)		PROFICIENCY RATING #
Paint Chips (%)	020	4/4					
	021	4/4					
	022	4/4					
	023	4/4	16/16	100	8/8	100	P
Soil (mg/kg)	020	4/4					
	021	4/4					
	022	4/4					
	023	4/4	16/16	100	8/8	100	P
Dust Wipes (ug)	020	4/4					
	021	4/4					
	022	4/4					
	023	4/4	16/16	100	8/8	100	P

* The denominators represent the number of total samples analyzed. The numerators represent the number of acceptable results.
\# P : Proficient NP: Nonproficient -: Not Rated
Performance ratings are based on accumulated results over four rounds (one year). A lab's performance in ground paint chips, soil, or dust wipes is rated proficient (P), if: 1) three-fourths (75%) or more of the accumulated results over four rounds are acceptable or 2) for the last two rounds, all samples are analyzed and the results are 100 % acceptable.

NYC-WTC_000121736

NYC 9/11 Public Portal Document

ENVIRONMENTAL LEAD PROFICIENCY ANALYTICAL TESTING (ELPAT) PROGRAM
INDIVIDUAL LABORATORY REPORT FOR ROUND 022
LAB ID=07054 MARCH 18, 1998
ATC ASSOCIATES, INC. NY, NEW YORK, NY 10010

SAMPLE TYPE	SAMPLE NO.	REPORTED RESULTS	REFERENCE VALUES *	ACCEPTABLE RANGE # LOWER	UPPER	LAB @ PERFORMANCE	Z & SCORE
Paint Chips (%)	1	1.4275	1.4607	1.2043	1.7171	A	-0.39
	2	0.086	0.0818	0.0628	0.1008	A	0.66
	3	4.2394	4.5632	3.6256	5.5009	A	-1.04
	4	0.6247	0.6454	0.5264	0.7645	A	-0.52
Soil (mg/kg)	1	351.6	360.8	292.3	429.4	A	-0.40
	2	76.8	73.2	49.7	96.7	A	0.46
	3	799.3	834.5	682.5	986.5	A	-0.69
	4	649.9	683.2	560	806.3	A	-0.81
Dust Wipes (ug)	1	531.6	565.9373	432.1	699.8	A	-0.77
	2	123.5	128.9551	94.1	163.8	A	-0.47
	3	272.6	272.0263	198.9	345.2	A	0.02
	4	863.1	895.2703	714.6	1076	A	-0.53

* Reference value is the mean of the reference laboratories
\# Upper limit: reference value + 3 standard deviations
Lower limit: reference value - 3 standard deviations
@ A: Analysis acceptable; -: Results not reported
H: Results > upper limit, L: Results < lower limit, not acceptable
& Z Score = (reported result-reference value)/standard deviation
Note: the acceptablity of reported results is based on z-scores.
This is why a reported result may appear acceptable according to performance limits, but be identified as an outlier.

LABORATORY YEAR-TO-DATE PERFORMANCE REPORT
LAB ID=07054

SAMPLE TYPE	ROUND NO.	ROUND * PERFORMANCE	ACCUMULATED 4 ROUNDS(%)		PERFORMANCE 2 ROUNDS(%)		PROFICIENCY RATING #
Paint Chips (%)	019	4/4					
	020	4/4					
	021	4/4					
	022	4/4	16/16	100	8/8	100	P
Soil (mg/kg)	020	4/4					
	021	4/4					
	022	4/4	12/12	100	8/8	100	P
Dust Wipes (ug)	019	4/4					
	020	4/4					
	021	4/4					
	022	4/4	16/16	100	8/8	100	P

* The denominators represent the number of total samples analyzed.
The numerators represent the number of acceptable results.
\# P : Proficient NP: Nonproficient -: Not Rated
Performance ratings are based on accumulated results over four rounds (one year). A lab's performance in ground paint chips, soil, or dust wipes is rated proficient (P), if: 1) three-fourths (75%) or more of the accumulated results over four rounds are acceptable or 2) for the last two rounds, all samples are analyzed and the results are 100 % acceptable.

NYC-WTC_000121737

NYC 9/11 Public Portal Document

ENVIRONMENTAL LEAD PROFICIENCY ANALYTICAL TESTING (ELPAT) PROGRAM
INDIVIDUAL LABORATORY REPORT FOR ROUND 021
LAB ID=07054 DECEMBER 16, 1997
ATC ASSOCIATES, INC. NY, NEW YORK, NY 10010

SAMPLE TYPE	SAMPLE NO.	REPORTED RESULTS	REFERENCE VALUES *	ACCEPTABLE RANGE # LOWER	UPPER	LAB @ PERFORMANCE	Z & SCORE
Paint Chips (%)	1	1.0833	1.0578	0.864	1.2516	A	0.39
	2	0.0459	0.0452	0.0328	0.0575	A	0.17
	3	7.756	6.6414	4.5218	8.7609	A	1.58
	4	0.4999	0.5141	0.395	0.6332	A	-0.36
Soil (mg/kg)	1	459.6	463.5	387.3	539.7	A	-0.15
	2	846.9	830.8	675.6	985.9	A	0.31
	3	78.8	69.2	46.5	91.8	A	1.28
	4	342.4	347.2	262.2	432.3	A	-0.17
Dust Wipes (ug)	1	270.3	269.5319	198.4	340.7	A	0.03
	2	163.8	159.5374	111.5	207.5	A	0.27
	3	80.6	79.2462	53.9	104.6	A	0.16
	4	704.9	735.3033	592.8	877.8	A	-0.64

* Reference value is the mean of the reference laboratories
\# Upper limit: reference value + 3 standard deviations
Lower limit: reference value - 3 standard deviations
@ A: Analysis acceptable; -: Results not reported
H: Results > upper limit, L: Results < lower limit, not acceptable
& Z Score = (reported result-reference value)/standard deviation
Note: the acceptablity of reported results is based on z-scores.
This is why a reported result may appear acceptable according to performance limits, but be identified as an outlier.

LABORATORY YEAR-TO-DATE PERFORMANCE REPORT
LAB ID=07054

SAMPLE TYPE	ROUND NO.	ROUND * PERFORMANCE	ACCUMULATED 4 ROUNDS	(%)	PERFORMANCE 2 ROUNDS	(%)	PROFICIENCY RATING #
Paint Chips (%)	018	4/4					
	019	4/4					
	020	4/4					
	021	4/4	16/16	100	8/8	100	P
Soil (mg/kg)	020	4/4					
	021	4/4	8/8	100	8/8	100	P
Dust Wipes (ug)	018	4/4					
	019	4/4					
	020	4/4					
	021	4/4	16/16	100	8/8	100	P

* The denominators represent the number of total samples analyzed.
The numerators represent the number of acceptable results.
\# P : Proficient NP: Nonproficient -: Not Rated
Performance ratings are based on accumulated results over four rounds (one year). A lab's performance in ground paint chips, soil, or dust wipes is rated proficient (P), if: 1) three-fourths (75%) or more of the accumulated results over four rounds are acceptable or 2) for the last two rounds, all samples are analyzed and the results are 100 % acceptable.

NYC-WTC_000121738

NYC-WTC_000121739

NYC 9/11 Public Portal Document

THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

is proud to acknowledge that

ATC Associates, Inc.
New York, NY
Laboratory ID# 7054

has fulfilled the requirements for the Environmental Lead Laboratory Accreditation Program and has earned distinguished recognition as an

AIHA ELLAP ACCREDITED LABORATORY

04/13/1998 - 04/13/2001

In the following matrices: Paint Soil Dust Air

This program is recognized by the EPA as meeting the requirements of the National Lead Laboratory Accreditation Program established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air analysis is not included as part of the NLLAP

D. Jay Burton, CIH, PE, CSP
President, American Industrial Hygiene Association

Eric L. Botnick, Chair, Environmental
Lead Laboratory Accreditation Committee

Mark Puskar, Ph.D., Chair,
Analytical Accreditation Board

NYC 9/11 Public Portal Document

Appendix A:
Letter to Tenants for Re-Occupation

NYC 9/11 Public Portal Document

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

December 19, 2001

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

Subject: **Gateway Plaza Building #600**

Gentlemen:

ALC Environmental Incorporated (ALC) has been retained to perform bulk sampling, visual assessments & air monitoring according to the *EPA Protocol* to determine the presence of asbestos at the above referenced project. Every apartment in the building was assessed by our inspectors for dust and debris. Any area where visible dust and debris was found, ALC's inspectors took a bulk sample, which was then sent to a third party independent laboratory for analysis. In most cases there was insufficient debris to sample and a visual assessment only was performed. Additionally, air sampling was performed using TEM Methodology on every floor in the building.

Thirty (30) initial background air samples were collected and analyzed at building 600. Thirty (30) samples were analyzed via phase contrast microscopy (PCM) and seventeen (17) were re-analyzed via transmission electron microscopy (TEM). Ten (10) bulk samples were collected and analyzed via Polarized Light Microscopy (PLM) and via Transmission Electron Microscopy (TEM). **All were below the permissible limits.**

Based on EPA Guidelines, we collected one hundred fifty-three (153) bulk samples and analyzed them via Polarized Light Microscopy (PLM) Methodology. Upon the laboratories recommendation one hundred and fourteen (114) samples were analyzed via Transmission Electron Microscopy (TEM) to confirm the findings. Twelve (12) samples collected from eleven (11) apartments were found to be slightly above the regulatory limits of 1%. However, certified asbestos abatement contractors hired independently by the owner, were used to clean those specific apartments found to be in question and the areas were cleared by ALC via TEM sampling. **All air samples were found to be well below the permissible limits and the tenants where this cleaning took place have been notified of the clearance.**

ALC then collected air samples on every floor in the building. The air sampling and analysis was done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos

NYC-WTC_000121741

NYC 9/11 Public Portal Document

Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

Two hundred seventy-one (271) air samples were collected and analyzed via TEM Methodology. **The results indicated that the living areas achieved the acceptance criteria below <70 structures per mm2 set by the above regulations.**

ATC Associates (ELAP #10879) analyzed the samples using the Polar Light Microscopy (PLM) Methodology and the Transmission Electron Microscopy (TEM) Methodology.

The air samples were collected by licensed and qualified personnel.

Tenants may re-occupy their apartments at the present time.

Sincerely,

Joshua Sarett
ALC Environmental Incorporated

NYC 9/11 Public Portal Document

Appendix B:
Letter to Tenants in Apartments where Final Air Clearance was Performed

NYC 9/11 Public Portal Document

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

January 2, 2001

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

Subject: Final Air Clearance Sampling: Gateway Plaza 395 South End Avenue
Building 600: Apartment-6E

Gentlemen:

ALC Environmental Incorporated (ALC) (License #00-0358) has been retained to perform bulk sampling, visual assessments & air monitoring according to the *EPA Protocol* to determine the presence of asbestos at the above referenced project.

Based on EPA Guidelines, we collected a bulk sample from this apartment and analyzed it via Polarized Light Microscopy (PLM) Methodology. One (1) sample collected from this apartment was found to be slightly above the regulatory limits of 1% by weight. (See Attached Results)

Approved Asbestos Abatement Inc. (License #99-1184), a certified asbestos abatement contractor hired independently by the owner, was used to clean this specific apartment.

Upon completion of the asbestos clean up procedures, a visual inspection was conducted in this specific apartment unit. No visible asbestos containing material (acm) or debris was observed, ALC then performed final air clearance sampling.

The areas were cleared by ALC via Transmission Electron Microscopy (TEM) Methodology. **The results indicated that the work areas achieved the acceptance criteria well below <70 structures per mm2 set by the above regulations.**

The air sampling and analysis were done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559
www.ALCEnvironmental.com

NYC-WTC_000121744

NYC 9/11 Public Portal Document

The air samples were collected by A. Blake a licensed sampling technician (AH#01-3528) under the supervision of Americo Rodriguez Jr., a licensed project monitor (AH# 89-07160)

ATC Associates, a qualified laboratory (ELAP #10879, NVLAP #101187)) analyzed the bulk samples and air samples using the Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) Methodology.

Sincerely,

Joshua Sarett
ALC Environmental Incorporated

NYC 9/11 Public Portal Document

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

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, NY

Received: 12/19/01 5:00:00 AM

ATC Group #: 6143

Analysis Date: 12/19/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
1 6143 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 6143 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 6143 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 6143 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 6143 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 6143 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
7 6143 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
8 6143 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 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

NYC-WTC_000121746

NYC 9/11 Public Portal Document

Received: 12/19/01 5:00:00 AM

Attn: Mr. Joshua Sarett
ALC Environmental
115 W. 30th Street
New York NY 10001
Fax: (212) 279-6747 Phone: (212) 279-1001

ATC Group #: 6143

Analysis Date: 12/19/01

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
9 6143 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 6143 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
11 6143 -11	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 6143 -12	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
13 6143 -13	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
14 6143 -14	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
15 6143 -15	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
16 6143 -16	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
17 6143 -17	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
18 6143 -18	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 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

NYC 9/11 Public Portal Document

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
395 Southerd Ave., Bldg 600, New York, NY

Received: 12/19/01 5:00:00 AM

ATC Group #: 6143

Analysis Date: 12/19/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
19 6143 -19	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
20 6143 -20	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
21 6143 -21	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
22 6143 -22	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
23 6143 -23	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
24 6143 -24	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 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

NYC-WTC_000121748

6143

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA MANAGEMENT CORP Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: .002 Project #:

Work Area: BUILDING + 600 - GATEWAY PLAZA 395 SOUTH END AVE MANHATTAN

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
1	APT 28 N LIVING ROOM	3	7:00 P.M	10:00 P.M	180	10	10	1800		
2	APT 28 N BEDROOM-1	3	7:03 P.M	10:03 P.M	180	10	10	1800		
3	APT 28N BEDROOM-2	3	7:06 P.M	10:06 P.M	180	10	10	1800		
4	HALL-WAY 28 FLR OUTSIDE APT 28N	3	7:10 P.M	10:10 P.M	180	10	10	1800		
5	HALL-WAY 28 FL OUTSIDE APT 28D	3	7:13 P.M	10:13 P.M	180	10	10	1800		
6	HALL-WAY 28 FLR OUTSIDE ELEV #11	3	7:16 P.M	10:16 P.M	180	10	10	1800		
7	APT 25M LIVING ROOM	3	7:20 P.M	10:20 P.M	180	10	10	1800		
8	APT 25M BEDROOM	3	7:23 P.M	10:23 P.M	180	10	10	1800		

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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☒ RUSH

Relinquished: A. BLAKE Date/Time: Received: RRY Date/Time: 12/19/01

Analylist: ATC-TEM By RRY 12/19/01 9:30 Disposal By/Date: 5:00

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC-WTC_000121750

NYC 9/11 Public Portal Document

6142

Asbestos Air Sampling Data Form

Client: GATE-WAY PLAZA MANAGEMENT CORP. Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: 002 Project #:

Work Area: BUILDING 600 GATEWAY PLAZA 395 SOUTH END AVE

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
9	APT 25 M KITCHEN	3	7 25 P.M	10 25 P.M	180	10	10	1800		
10	HALL-WAY 25 FLOOR OUTSIDE APT 25 M	3	7 28 P.M	10 28 P.M	180	10	10	1800		
11	HALL-WAY 25 FLR OUTSIDE APT 25G	3	7 30 P.M	10 30 P.M	180	10	10	1800		
12	HALLWAY 25 FLOOR OUTSIDE ELEVATOR-10	3	7 33 P.M	10 33 P.M	180	10	10	1800		
13	APT 23 A BEDROOM/ LIVING ROOM	3	7 38 P.M	10 38 P.M	180	10	10	1800		
14	APT 23A KITCHEN	3	7 40 P.M	10 40 P.M	180	10	10	1800		
15	APT 23 A HALL-WAY	3	7 42 P.M	10 40 P.M	180	10	10	1800		
16	HALL-WAY 23 FLR OUTSIDE APT 23 A	3	7 45 P.M	10 45 P.M	180	10	10	1800		

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

Analysis: [X] TEM AHERA [ ] TEM Philadelphia [ ] PCM NIOSH 7400

Turnaround: [ ] ASAP [ ] 2 Day (48hr) [X] Same Day (12hr) RUSH

Relinquished A. BLAKE Date/Time 12/19/01 9:30

Received RUY Date/Time 12/19/01 5:00

Analylist AIC-TEM By RUY 12/19/01

Disposal By/Date

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax. 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax. 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC-WTC_000121751

NYC 9/11 Public Portal Document

6143

Asbestos Air Sampling Data Form

Client: GATE WAY PLAZA MANAGEMENT CORP Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: .002 Project #:

Work Area: BUILDING - 600 GATE WAY PLAZA, 395 SOUTH END AVE MANHATTAN

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
17	HALL-WAY 23 FLR OUTSIDE APT 23D	3	7:48 PM	10:48	180	10	10	1800		
18	HALL-WAY 23 FLR OUTSIDE APT 23L	3	7:52 P.M	10:52	180	10	10	1800		
19	APT 6E LIVING ROOM	3	11:58 P.M	2:58 A.M	180	10	10	1800		
20	APT 6E BEDROOM	3	11:62 P.M	2:02 A.M	180	10	10	1800		
21	APT 6E KITCHEN	3	11:04 P.M	2:04 A.M	180	10	10	1800		
22	HALL-WAY 6 FLOOR OUTSIDE APT 6E	3	11:08 P.M	2:08 A.M	180	10	10	1800		
23	HALL-WAY 6 FLOOR OUTSIDE ELEVATOR-11	3	11:10 P.M	2:10 A.M	180	10	10	1800		
24	HALL-WAY 6 FLOOR OUTSIDE APT 6K	3	11:15 PM	2:15 AM	180	10	10	1800		

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal A. Aggressive D. Dormant I. 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) RUSH

Relinquished: A. BLAKE Date/Time

Analyst: ATC-TEM By RKey 12/19/01 9:30

Received: RKey Date/Time 12/19/01 5:00

Disposal By/Date

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215 732 9499 • 888 789 8178 • Fax: 215 732 9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Asbestos Air Sampling Data Form

Client: 6143 GATE WAY PLAZA MANAGEMENT CORP Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: .002 Project #:

Work Area: BUILDING 6072, GATE WAY PLAZA, 395 SOUTH END AVE

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
25	SEALED BLANK	/								
26	FIELD BLANK	/								
27	FIELD 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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☒ Rush

Relinquished: A. BLAKE Date/Time:

Received: RRly Date/Time: 12/19/01 5:00

Analylist: ATC-TEM By RRly 12/19/01 9130

Disposal By/Date:

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

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

NYC 9/11 Public Portal Document

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

January 2, 2001

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

Subject: Final Air Clearance Sampling: Gateway Plaza 395 South End Avenue
Building 600: Apartment-2L

Gentlemen:

ALC Environmental Incorporated (ALC) (License #00-0358) has been retained to perform bulk sampling, visual assessments & air monitoring according to the *EPA Protocol* to determine the presence of asbestos at the above referenced project.

Based on EPA Guidelines, we collected a bulk sample from this apartment and analyzed it via Polarized Light Microscopy (PLM) Methodology. One (1) sample collected from this apartment was found to be slightly above the regulatory limits of 1% by weight. (See Attached Results)

Approved Asbestos Abatement Inc. (License #99-1184), a certified asbestos abatement contractor hired independently by the owner, was used to clean this specific apartment.

Upon completion of the asbestos clean up procedures, a visual inspection was conducted in this specific apartment unit. No visible asbestos containing material (acm) or debris was observed, ALC then performed final air clearance sampling.

The areas were cleared by ALC via Transmission Electron Microscopy (TEM) Methodology. **The results indicated that the work areas achieved the acceptance criteria well below <70 structures per mm2 set by the above regulations.**

The air sampling and analysis were done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559
www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

The air samples were collected by A. Blake a licensed sampling technician (AH#01-3528) under the supervision of Americo Rodriguez Jr., a licensed project monitor (AH# 89-07160)

ATC Associates, a qualified laboratory (ELAP #10879, NVLAP #101187)) analyzed the bulk samples and air samples using the Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) Methodology.

Sincerely,

Joshua Sarett
ALC Environmental Incorporated

NYC-WTC_000121754

NYC 9/11 Public Portal Document

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

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, NY

Received: 12/18/01 8:00:00 AM
ATC Group #: 6131
Analysis Date: 12/18/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-1 6131 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-2 6131 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-3 6131 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-4 6131 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-5 6131 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-6 6131 -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/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 reports 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 #10679

NYC-WTC_000121755

NYC-WTC_000121756

NYC 9/11 Public Portal Document

Sampled By: [illegible] Date: 12/17/01

Work Area: Basement 6/9 Rotometer #: Project #:

Bldg 6/00 - 67492-67450 Cassette

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-1	2 floor inside apt 2L Bedroom		14[25]	17[25]	180	10	10	1800		
D-2	2 floor inside apt 2L Livingroom		14[26]	17[26]	180	10	10	1800		
D-3	2 floor inside apt 2L Kitchen		14[27]	17[27]	180	10	10	1800		
D-4	2 floor outside apt 2L W. wall		14[28]	17[28]	180	10	10	1800		
D-5	2 floor outside apt 2L E wall		14[29]	17[29]	180	10	10	1800		
D-6	2 floor outside apt 2L H. wall		14[30]	17[30]	180	10	10	1800		
D-7	Field Blank									
D-8	Field Blank									
D-9	Spare 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 AHERA: ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished Analyst: AIC-TEM By: [illegible] Date/Time: 12/18/01 1:25

Received: AIC JD Date/Time: 12/18/01 9am

Disposal By/Date:

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8178 • Fax: 215.732.9559

www.AICEnvironmental.com

AIC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC 9/11 Public Portal Document

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

January 2, 2001

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

Via Facsimile

Subject: Final Air Clearance Sampling: Gateway Plaza 395 South End Avenue
Building 600: Apartment-12B

Gentlemen:

ALC Environmental Incorporated (ALC) (License #00-0358) has been retained to perform bulk sampling, visual assessments & air monitoring according to the *EPA Protocol* to determine the presence of asbestos at the above referenced project.

Based on EPA Guidelines, we collected a bulk sample from this apartment and analyzed it via Polarized Light Microscopy (PLM) Methodology. One (1) sample collected from this apartment was found to be slightly above the regulatory limits of 1% by weight. (See Attached Results)

Approved Asbestos Abatement Inc. (License #99-1184), a certified asbestos abatement contractor hired independently by the owner, was used to clean this specific apartment.

Upon completion of the asbestos clean up procedures, a visual inspection was conducted in this specific apartment unit. No visible asbestos containing material (acm) or debris was observed, ALC then performed final air clearance sampling.

The areas were cleared by ALC via Transmission Electron Microscopy (TEM) Methodology. **The results indicated that the work areas achieved the acceptance criteria well below <70 structures per mm2 set by the above regulations.**

The air sampling and analysis were done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559
www.ALCEnvironmental.com

NYC-WTC_000121757

NYC 9/11 Public Portal Document

The air samples were collected by A. Blake a licensed sampling technician (AH#01-3528) under the supervision of Americo Rodriguez Jr., a licensed project monitor (AH# 89-07160)

ATC Associates, a qualified laboratory (ELAP #10879, NVLAP #101187)) analyzed the bulk samples and air samples using the Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) Methodology.

Sincerely,

Joshua Sarett
ALC Environmental Incorporated

NYC 9/11 Public Portal Document

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

Project: Gateway Plaza Management
395 Southerd Ave. , Bldg. 600 , New York , NY

Received: 12/18/01 8:00:00 AM
ATC Group #: 6135
Analysis Date: 12/18/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-1 6135 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-2 6135 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-3 6135 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-4 6135 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-5 6135 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-6 6135 -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 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

NYC-WTC_000121759

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Sampling Data Form

Client: 6135 Gateway Plaza Management Date: 12-17-01

Sampled By: Shane Schoffner Rotometer #: #2 Project #:

Work Area: Bldg#600 (395 South End Ave Cassette - 2707

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-1	Apt#12-B inside Livingroom	3	2150	0050	180	10.0	10.0	1800		
D-2	Apt#12-B inside Bedroom #1	3	2151	0051	180	10.0	10.0	1800		
D-3	Apt#12-B inside Bedroom #2	3	2152	0052	180	10.0	10.0	1800		
D-4	12th floor outside Hallway E. wall	3	2153	0053	180	10.0	10.0	1800		
D-5	12th floor outside Hallway W. wall	3	2154	0054	180	10.0	10.0	1800		
D-6	12th floor outside Hallway M. wall	3	2155	0055	180	10.0	10.0	1800		
D-7 / D-8	Field Blank ?									
D-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 E. Excursion T. TWA

Analysis: ☒ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☐ _____

Relinquished Shane Schoffner Date/Time 12-18-01 Received ATC JD Date/Time 12/18/01 8am

Analylist ATC-TEM By RRY 12/18/01 11:15 Disposal By/Date

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

January 2, 2001

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

Subject: Final Air Clearance Sampling: Gateway Plaza 395 South End Avenue
Building 600: Apartment-21K

Gentlemen:

ALC Environmental Incorporated (ALC) (License #00-0358) has been retained to perform bulk sampling, visual assessments & air monitoring according to the *EPA Protocol* to determine the presence of asbestos at the above referenced project.

Based on EPA Guidelines, we collected a bulk sample from this apartment and analyzed it via Polarized Light Microscopy (PLM) Methodology. One (1) sample collected from this apartment was found to be slightly above the regulatory limits of 1% by weight. (See Attached Results)

Approved Asbestos Abatement Inc. (License #99-1184), a certified asbestos abatement contractor hired independently by the owner, was used to clean this specific apartment.

Upon completion of the asbestos clean up procedures, a visual inspection was conducted in this specific apartment unit. No visible asbestos containing material (acm) or debris was observed, ALC then performed final air clearance sampling.

The areas were cleared by ALC via Transmission Electron Microscopy (TEM) Methodology. **The results indicated that the work areas achieved the acceptance criteria well below <70 structures per mm2 set by the above regulations.**

The air sampling and analysis were done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559
www.ALCEnvironmental.com

NYC-WTC_000121761

NYC 9/11 Public Portal Document

The air samples were collected by A. Blake a licensed sampling technician (AH#01-3528) under the supervision of Americo Rodriguez Jr., a licensed project monitor (AH# 89-07160)

ATC Associates, a qualified laboratory (ELAP #10879, NVLAP #101187)) analyzed the bulk samples and air samples using the Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) Methodology.

Sincerely,

Joshua Sarett

Joshua Sarett
ALC Environmental Incorporated

NYC 9/11 Public Portal Document

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

Attn: Mr Joshua Sarcn
ALC Environmental
115 W. 30th Street
New York NY 10001
Fax: (212) 279-6747 Phone: (212) 279-1001

Project: Gateway Plaza Management
395 Southerd Avc. , Bldg. 600 , New York , NY

Received: 12/18/01 8:00:00 AM
ATC Group #: 6130
Analysis Date: 12/18/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-1 6130 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-2 6130 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-3 6130 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-4 6130 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-5 6130 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-6 6130 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by RR

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 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

ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Asbestos Air Sampling Data Form

Client: 6130 Gateway Plaza Date: 12/17/01

Sampled By: Benyaguyen Rotometer #: #2 Project #:

Work Area: Bld 600 - 395 South End Ave Cassette - 2707

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-1	apt 21K inside apt. Livingroom	3	18 25	21 25	180	10	10	1800		
D-2	apt 21K inside apt Bedroom	3	18 26	21 26	180	10	10	1800		
D-3	apt 21K inside apt Kitchen	3	18 27	21 27	180	10	10	1800		
D-4	apt 21K outside apt. W. wall	3	18 28	21 28	180	10	10	1800		
D-5	apt 21K outside apt E wall	3	18 29	21 29	180	10	10	1800		
D-6	apt 21 outside apt Mider wall	3	18 30	21 30	180	10	10	1800		
D-7	Field Blank ?									
D-8	Field Blank									
D-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 E. Excursion T. TWA

Analysis: ☒ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☐ _____

Relinquished: Shane Schoffner Date/Time 12-18-01 Received: ATC FD Date/Time 12/18/01

Analylist: ATC TEM By RRG 12/18/01 Disposal By/Date: 8am

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax 212 279 6747

Home Office: The Bellevue • Suite 600 • 200 S Broad Street • Philadelphia, PA 19102 • 215 732 9499 • 888 789 6378 • Fax 215 732 9559

www.ATCEnvironmental.com

NYC 9/11 Public Portal Document

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

January 2, 2001

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

Subject: Final Air Clearance Sampling: Gateway Plaza 395 South End Avenue
Building 600: Apartment-21P

Gentlemen:

ALC Environmental Incorporated (ALC) (License #00-0358) has been retained to perform bulk sampling, visual assessments & air monitoring according to the *EPA Protocol* to determine the presence of asbestos at the above referenced project.

Based on EPA Guidelines, we collected a bulk sample from this apartment and analyzed it via Polarized Light Microscopy (PLM) Methodology. One (1) sample collected from this apartment was found to be slightly above the regulatory limits of 1% by weight. (See Attached Results)

Approved Asbestos Abatement Inc. (License #99-1184), a certified asbestos abatement contractor hired independently by the owner, was used to clean this specific apartment.

Upon completion of the asbestos clean up procedures, a visual inspection was conducted in this specific apartment unit. No visible asbestos containing material (acm) or debris was observed, ALC then performed final air clearance sampling.

The areas were cleared by ALC via Transmission Electron Microscopy (TEM) Methodology. **The results indicated that the work areas achieved the acceptance criteria well below <70 structures per mm2 set by the above regulations.**

The air sampling and analysis were done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559
www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

The air samples were collected by A. Blake a licensed sampling technician (AH#01-3528) under the supervision of Americo Rodriguez Jr., a licensed project monitor (AH# 89-07160)

ATC Associates, a qualified laboratory (ELAP #10879, NVLAP #101187)) analyzed the bulk samples and air samples using the Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) Methodology.

Sincerely,

Joshua Sarett

Joshua Sarett
ALC Environmental Incorporated

NYC 9/11 Public Portal Document

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

January 2, 2001

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

Subject: Final Air Clearance Sampling: Gateway Plaza 395 South End Avenue
Building 600: Apartment-23A

Gentlemen:

ALC Environmental Incorporated (ALC) (License #00-0358) has been retained to perform bulk sampling, visual assessments & air monitoring according to the *EPA Protocol* to determine the presence of asbestos at the above referenced project.

Based on EPA Guidelines, we collected a bulk sample from this apartment and analyzed it via Polarized Light Microscopy (PLM) Methodology. One (1) sample collected from this apartment was found to be slightly above the regulatory limits of 1% by weight. (See Attached Results)

Approved Asbestos Abatement Inc. (License #99-1184), a certified asbestos abatement contractor hired independently by the owner, was used to clean this specific apartment.

Upon completion of the asbestos clean up procedures, a visual inspection was conducted in this specific apartment unit. No visible asbestos containing material (acm) or debris was observed, ALC then performed final air clearance sampling.

The areas were cleared by ALC via Transmission Electron Microscopy (TEM) Methodology. **The results indicated that the work areas achieved the acceptance criteria well below <70 structures per mm2 set by the above regulations.**

The air sampling and analysis were done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559
www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

ATC Associates

104 East 25 Street, New York, NY 10010

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

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

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

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, NY

Received: 12/18/01 8:00.00 AM

ATC Group #: 6132

Analysis Date: 12/18/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-1 6132 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-2 6132 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-3 6132 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-4 6132 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-5 6132 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-6 6132 -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 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

ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Client: 6132 Gateway Plaza Management Date: 12-17-01

Sampled By: Shane Schoffner Rotometer #: #2 Project #:

Work Area: Bldg#600 395 South End Ave Cassette - 2707

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-1	Apt#21-P Inside Foyer	3	2140	0040	180	10.0	10.0	1800		
D-2	Apt#21-P Inside Livingroom	3	2141	0041	180	10.0	10.0	1800		
D-3	Apt#21-P inside Kitchen	3	2142	0042	180	10.0	10.0	1800		
D-4	21st floor outside Hallway E wall	3	2143	0043	180	10.0	10.0	1800		
D-5	21st floor outside Hallway N. wall	3	2144	0044	180	10.0	10.0	1800		
D-6	21st floor outside Hallway M. wall	3	2145	0045	180	10.0	10.0	1800		
D-7 / D-8	Field Blank ?									
D-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 E. Excursion T. TWA

Analysis: ☒ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☐ _____

Relinquished: Shane Schoffner Date/Time: 12-18-01 Received: ATC JD Date/Time: 12/18/01

Analylist: [signature] Disposal By/Date: 12/18 11:30 8 [illegible]

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax 215.732.9559

www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

The air samples were collected by A. Blake a licensed sampling technician (AH#01-3528) under the supervision of Americo Rodriguez Jr., a licensed project monitor (AH# 89-07160)

ATC Associates, a qualified laboratory (ELAP #10879, NVLAP #101187)) analyzed the bulk samples and air samples using the Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) Methodology.

Sincerely,

Joshua Sarett

Joshua Sarett
ALC Environmental Incorporated

NYC 9/11 Public Portal Document

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

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, NY

Received: 12/19/01 5:00:00 AM

ATC Group #: 6143

Analysis Date: 12/19/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
1 6143 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 6143 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 6143 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 6143 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 6143 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 6143 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
7 6143 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
8 6143 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 reproducad, 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

NYC-WTC_000121771

NYC 9/11 Public Portal Document

Received: 12/19/01 5:00:00 AM

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

ATC Group #: 6143

Analysis Date: 12/19/01

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

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
9 6143 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 6143 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
11 6143 -11	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 6143 -12	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
13 6143 -13	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
14 6143 -14	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
15 6143 -15	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
16 6143 -16	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
17 6143 -17	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
18 6143 -18	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 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

NYC-WTC_000121772

NYC 9/11 Public Portal Document

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

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

Received: 12/19/01 5:00:00 AM

ATC Group #: 6143

Analysis Date: 12/19/01

Project: Gateway Plaza Management
395 Southerd Ave., Bldg 600, New York, 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
19 6143 -19	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
20 6143 -20	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
21 6143 -21	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
22 6143 -22	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
23 6143 -23	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
24 6143 -24	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 reports 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

NYC-WTC_000121773

6143

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA MANAGEMENT CORP Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: .002 Project #:

Work Area: BUILDING + 600 - GATEWAY PLAZA 395 SOUTH END AVE MANHATTAN

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
1	APT 28 N LIVING ROOM	3	7:00 P.M	10:00 P.M	180	10	10	1800		
2	APT 28 N BEDROOM - 1	3	7:03 P.M	10:03 P.M	180	10	10	1800		
3	APT 28 N BEDROOM - 2	3	7:06 P.M	10:06 P.M	180	10	10	1800		
4	HALL-WAY 28 FLR OUTSIDE APT 28N	3	7:10 P.M	10:10 P.M	180	10	10	1800		
5	HALL-WAY 28 FL OUTSIDE APT 28D	3	7:13 P.M	10:13 P.M	180	10	10	1800		
6	HALL-WAY 28 FLR OUTSIDE ELEV #11	3	7:16 P.M	10:16 P.M	180	10	10	1800		
7	APT 25M LIVING ROOM	3	7:20 P.M	10:20 P.M	180	10	10	1800		
8	APT 25M BEDROOM	3	7:23 P.M	10:23 P.M	180	10	10	1800		

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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☒ RUSH

Relinquished: A. BLAKE Date/Time: Received: RRy Date/Time: 12/19/01 5:00

Analylist: ATC-TEM By RRy 12/19/01 9:30 Disposal By/Date:

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

6142

Asbestos Air Sampling Data Form

Client: GATE-WAY PLAZA MANAGEMENT CORP. Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: .002 Project #:

Work Area: BUILDING - 600 GATEWAY PLAZA 395 SOUTH END AVE

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
9	APT 25 M KITCHEN	3	7 25 P.M	10 25 P.M	180	10	10	1800		
10	HALL-WAY 25 FLOOR OUTSIDE APT 25 M	3	7 28 P.M	10 28 P.M	180	10	10	1800		
11	HALL-WAY 25 FLR OUTSIDE APT 25G	3	7 30 P.M	10 30 P.M	180	10	10	1800		
12	HALLWAY 25 FLOOR OUTSIDE ELEVATOR-10	3	7 33 P.M	10 33 P.	180	10	10	1800		
13	APT 23 A BEDROOM/ LIVING ROOM	3	7 38 P.M	10 38 P.M	180	10	10	1800		
14	APT 23A KITCHEN	3	7 40 P.M	10 40 P.M	180	10	10	1800		
15	APT 23 A HALL-WAY	3	7 42 P.M	10 42 P.M	180	10	10	1800		
16	HALL-WAY 23 FLR OUTSIDE APT 23 A	3	7 45 P.M	10 45 P.M	180	10	10	1800		

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal A. Aggressive D. Dormant I. 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) ☒ RUSH

Relinquished: A. BLAKE Date/Time: Received: RRly Date/Time: 12/19/01

Analylist: ATC-TEM By RRly 12/19/01 9:30 Disposal By/Date: 5:00

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENT INCORPORAT

The First Choice for Environmental Testing & Consulting

6143

Asbestos Air Sampling Data Form

Client: GATE WAY PLAZA MANAGEMENT CORP Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: 002 Project #:

Work Area: BUILDING - 600 GATE WAY PLAZA, 395 SOUTH END AVE MANHATTAN

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
17	HALL-WAY 23 FLR OUTSIDE APT 23D	3	7 48 P.M	10 48	180	10	10	1800		
18	HALL-WAY 23 FLR OUTSIDE APT 23L	3	7 52 P.M	10 52	180	10	10	1800		
19	APT 6E LIVING ROOM	3	11 00 P.M	2 00 A.M	180	10	10	1800		
20	APT 6E BEDROOM	3	11 02 P.M	2 02 A.M	180	10	10	1800		
21	APT 6E KITCHEN	3	11 04 P.M	2 04 A.M	180	10	10	1800		
22	HALL-WAY 6 FLOOR OUTSIDE APT 6E	3	11 08 P.M	2 08 A.M	180	10	10	1800		
23	HALL-WAY 6 FLOOR OUTSIDE ELEVATOR-11	3	11 10 P.M	2 10 A.M	180	10	10	1800		
24	HALL-WAY 6 FLOOR OUTSIDE APT 6K	3	11 15 P.M	2 15 A.M	180	10	10	1800		

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal A. Aggressive D. Dormant I. 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) ☒ RUSH

Relinquished: A. BLAKE Date/Time

Received: RRey Date/Time: 12/19/01 5:00

Analylist: ATC-TEM By RRey 12/19/01 9:30

Disposal By/Date

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888 789 8378 • Fax: 215.732 9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC-WTC_000121777

NYC 9/11 Public Portal Document

Asbestos Air Sampling Data Form

ALC ENVIRONMENTAL INCORPORATED

Client: 6143 GATE WAY PLAZA MANAGEMENT CORP Date: 12-18-01

Sampled By: A - BLAKE Rotometer #: .002 Project #:

Work Area: BUILDING 6 GATE WAY PLAZA 395 SOUTH END AVE

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
25	SEALED BLANK	/								
26	FIELD BLANK	/								
27	FIELD 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 R. Excursion T. TWA

Analysis: ☒ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☒ RUSH

Relinquished: A-BLAKE Date/Time

Received: RRuy Date/Time 12/19/01 5:00

Analyst: ATC-TEM By RRuy 12/19/01 9:30 Disposal By/Date

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215 732 9409 • 888 789 8378 • Fax: 215 732 9559

The First Choice for Environmental Testing & Consulting

NYC 9/11 Public Portal Document

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

January 2, 2001

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

Subject: Final Air Clearance Sampling: Gateway Plaza 395 South End Avenue
Building 600: Apartment-24P

Gentlemen:

ALC Environmental Incorporated (ALC) (License #00-0358) has been retained to perform bulk sampling, visual assessments & air monitoring according to the *EPA Protocol* to determine the presence of asbestos at the above referenced project.

Based on EPA Guidelines, we collected two bulk samples from this apartment and analyzed them via Polarized Light Microscopy (PLM) Methodology. One (1) sample collected from this apartment was found to be slightly above the regulatory limits of 1% by weight. (See Attached Results)

Approved Asbestos Abatement Inc. (License #99-1184), a certified asbestos abatement contractor hired independently by the owner, was used to clean this specific apartment.

Upon completion of the asbestos clean up procedures, a visual inspection was conducted in this specific apartment unit. No visible asbestos containing material (acm) or debris was observed, ALC then performed final air clearance sampling.

The areas were cleared by ALC via Transmission Electron Microscopy (TEM) Methodology. **The results indicated that the work areas achieved the acceptance criteria well below <70 structures per mm2 set by the above regulations.**

The air sampling and analysis were done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559
www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

The air samples were collected by A. Blake a licensed sampling technician (AH#01-3528) under the supervision of Americo Rodriguez Jr., a licensed project monitor (AH# 89-07160)

ATC Associates, a qualified laboratory (ELAP #10879, NVLAP #101187)) analyzed the bulk samples and air samples using the Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) Methodology.

Sincerely,

Joshua Sarett

Joshua Sarett
ALC Environmental Incorporated

NYC-WTC_000121779

NYC 9/11 Public Portal Document

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

Project: Gateway Plaza Management
375 Southerd Avc., Bldg. 600 , Apt.24, NY, NY

Received: 11/28/01 7:00:00 AM
ATC Group #: 5980
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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
1 5980 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 5980 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 5980 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 5980 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 5980 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 5980 -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 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

NYC-WTC_000121780

5980

6/8

Asbestos Air Sampling Data Form

Client: GATE-WAY PLAZA MANAGEMENT CORP

Sampled By: A. BLAKE

Date: 11-26-01

Rotometer #: 004 65279-65086

Work Area: GATEWAY PLAZA BUILDING-600 APT 24 P, 375 SOUTH END AVE

Project #:

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
1	INSIDE LIVING/BEDRM APT 24 P	3	1810	2110	180	10	10	1800		
2	INSIDE APT 24P LIVING RM/BED Room	3	1813	2113	180	10	10	1800		
3	INSIDE APT 24P KITCHEN	3	1816	2116	180	10	10	1800		
4	HALL-WAY 24 FLOOR OUTSIDE APT 24M	3	1820	2120	180	10	10	1800		
5	HALL-WAY 24 FLOOR OUTSIDE APT 24C	3	1822	2122	180	10	10	1800		
6	HALL-WAY 24 FLOOR OUTSIDE ELEVATOR-10	3	1825	2125	180	10	10	1800		
7	FIELD BLANKS	/								
8	FIELD BLANKS	/								

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

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☐ RUSH

Relinquished: A. BLAKE Date/Time: _____ Received: ATC JD Date/Time: 11/28/01 7am

Analylist: [signature] Disposal By/Date: 11/28 9:40 am

115 West 30th Street • 11th Floor • New York, New York 10001 • 212 279 1001 • 888.466 3620 • Fax: 212.279 6747

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

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC 9/11 Public Portal Document

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

January 2, 2001

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

Subject: Final Air Clearance Sampling: Gateway Plaza 395 South End Avenue
Building 600: Apartment-25M

Gentlemen:

ALC Environmental Incorporated (ALC) (License #00-0358) has been retained to perform bulk sampling, visual assessments & air monitoring according to the *EPA Protocol* to determine the presence of asbestos at the above referenced project.

Based on EPA Guidelines, we collected a bulk sample from this apartment and analyzed it via Polarized Light Microscopy (PLM) Methodology. One (1) sample collected from this apartment was found to be slightly above the regulatory limits of 1% by weight. (See Attached Results)

Approved Asbestos Abatement Inc. (License #99-1184), a certified asbestos abatement contractor hired independently by the owner, was used to clean this specific apartment.

Upon completion of the asbestos clean up procedures, a visual inspection was conducted in this specific apartment unit. No visible asbestos containing material (acm) or debris was observed, ALC then performed final air clearance sampling.

The areas were cleared by ALC via Transmission Electron Microscopy (TEM) Methodology. **The results indicated that the work areas achieved the acceptance criteria well below <70 structures per mm2 set by the above regulations.**

The air sampling and analysis were done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559
www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

The air samples were collected by A. Blake a licensed sampling technician (AH#01-3528) under the supervision of Americo Rodriguez Jr., a licensed project monitor (AH# 89-07160)

ATC Associates, a qualified laboratory (ELAP #10879, NVLAP #101187)) analyzed the bulk samples and air samples using the Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) Methodology.

Sincerely,

Joshua Sarett

Joshua Sarett
ALC Environmental Incorporated

NYC 9/11 Public Portal Document

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

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, NY

Received: 12/19/01 5:00:00 AM

ATC Group #: 6143

Analysis Date: 12/19/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
1 6143 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 6143 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 6143 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 6143 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 6143 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 6143 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
7 6143 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
8 6143 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 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

NYC-WTC_000121784

NYC 9/11 Public Portal Document

Received: 12/19/01 5:00:00 AM

Attn: Mr. Joshua Sarett
ALC Environmental
115 W. 30th Street
New York NY 10001
Fax: (212) 279-6747 Phone: (212) 279-1001

ATC Group #: 6143

Analysis Date: 12/19/01

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
9 6143 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 6143 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
11 6143 -11	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 6143 -12	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
13 6143 -13	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
14 6143 -14	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
15 6143 -15	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
16 6143 -16	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
17 6143 -17	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
18 6143 -18	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RKP

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 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

NYC-WTC_000121785

NYC 9/11 Public Portal Document

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

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

Received: 12/19/01 5:00:00 AM

ATC Group #: 6143

Analysis Date: 12/19/01

Project: Gateway Plaza Management
395 Southerd Ave., Bldg 600, New York, 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
19 6143 -19	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
20 6143 -20	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
21 6143 -21	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
22 6143 -22	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
23 6143 -23	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
24 6143 -24	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 reports 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

NYC-WTC_000121786

NYC-WTC_000121787

6143

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA MANAGEMENT CORP Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: 002 Project #:

Work Area: BUILDING 600 - GATEWAY PLAZA 395 SOUTH END AVE MANHATTAN

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
1	APT 28 N LIVING ROOM	3	7:00 P.M	10:00 P.M	180	10	10	1800		
2	APT 28 N BEDROOM - 1	3	7:03 P.M	10:03 P.M	180	10	10	1800		
3	APT 28N BEDROOM - 2	3	7:06 P.M	10:06 P.M	180	10	10	1800		
4	HALL-WAY 28 FLR OUTSIDE APT 28N	3	7:10 P.M	10:10 P.M	180	10	10	1800		
5	HALL-WAY 28 FLR OUTSIDE APT 28D	3	7:13 P.M	10:13 P.M	180	10	10	1800		
6	HALL-WAY 28 FLR OUTSIDE ELEV #11	3	7:16 P.M	10:16 P.M	180	10	10	1800		
7	APT 25M LIVING ROOM	3	7:20 P.M	10:20 P.M	180	10	10	1800		
8	APT 25M BEDROOM	3	7:23 P.M	10:23 P.M	180	10	10	1800		

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

Analysis: [X] TEM AHERA [ ] TEM Philadelphia [ ] PCM NIOSH 7400

Turnaround: [ ] ASAP [ ] 2 Day (48hr) [X] Same Day (12hr) [X] RUSH

Relinquished: A. BLAKE Date/Time: 12/19/01 9:30

Received: RRy Date/Time: 12/19/01 5:00

Analyst: AEC-TEM By RRy 12/19/01

Disposal By/Date:

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9490 • 888.789.8378 • Fax: 215.732.9559

www.AECEnvironmental.com

ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC 9/11 Public Portal Document

NYC-WTC_000121788

NYC 9/11 Public Portal Document

6142

Asbestos Air Sampling Data Form

Client: GATE-WAY PLAZA MANAGEMENT CORP. Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: 002 Project #:

Work Area: BUILDING 600 GATEWAY PLAZA 395 SOUTH END AVE

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
9	APT 25 M KITCHEN	3	7 25 P.m	10 25 P.m	180	10	10	1800		
10	HALL-WAY 25 FLOOR OUTSIDE APT 25 M	3	7 28 P.m	10 28 P.m	180	10	10	1800		
11	HALL-WAY 25 FLR OUTSIDE APT 25G	3	7 30 P.m	10 30 P.m	180	10	10	1800		
12	HALLWAY 25 FLOOR OUTSIDE ELEVATOR-10	3	7 33 P.m	10 33 P.	180	10	10	1800		
13	APT 23 A BEDROOM/ LIVING ROOM	3	7 38 P.m	10 38 P.M	180	10	10	1800		
14	APT 23A KITCHEN	3	7 40 P.m	10 40 P.M	180	10	10	1800		
15	APT 23 A HALL-WAY	3	7 42 P.m	10 40 P.m	180	10	10	1800		
16	HALL-WAY 23 FLR OUTSIDE APT 23 A	3	7 45 P.m	10 45 P.m	180	10	10	1800		

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

Analysis: [X] TEM AHERA: [ ] TEM Philadelphia [ ] PCM NIOSH 7400

Turnaround: [ ] ASAP [ ] 2 Day (48hr) [X] Same Day (12hr) RUSH

Relinquished A. BLAKE Date/Time _____ Received RRy Date/Time 12/19/01 5:00

Analylist AIC-TEM By RRy 12/19/01 9:30 Disposal By/Date _____

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC-WTC_000121789

NYC 9/11 Public Portal Document

6143

Asbestos Air Sampling Data Form

Client: GATE WAY PLAZA MANAGEMENT CORP Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: .002 Project #:

Work Area: BUILDING - 600 GATE WAY PLAZA, 395 SOUTH END AVE MANHATTAN

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
17	HALL-WAY 23FLR OUTSIDE APT 23D	3	7:48 PM	10:48	180	10	10	1800		
18	HALL-WAY 23FLR OUTSIDE APT 23L	3	7:52 P.M	10:52	180	10	10	1800		
19	APT 6E LIVING ROOM	3	11:00 P.M	2:00 A.M	180	10	10	1800		
20	APT 6E BEDROOM	3	11:02 P.M	2:02 A.M	180	10	10	1800		
21	APT 6E KITCHEN	3	11:04 P.M	2:04 A.M	180	10	10	1800		
22	HALL-WAY 6 FLOOR OUTSIDE APT 6E	3	11:08 PM	2:08 A.M	180	10	10	1800		
23	HALL-WAY 6 FLOOR. OUTSIDE ELEVATOR-11	3	11:10 P.M	2:10 A.M	180	10	10	1800		
24	HALL-WAY 6 FLOOR OUTSIDE APT 6K	3	11:15 PM	2:15 AM	180	10	10	1800		

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

Analysis: [X] TEM AHERA [ ] TEM Philadelphia [ ] PCM NIOSH 7400

Turnaround: [ ] ASAP [ ] 2 Day (48hr) [X] Same Day (12hr) [X] RUSH

Relinquished: A. BLAKE Date/Time

Analyst: ATC-TEM By RRey 12/19/01 9:30

Received: RRey Date/Time 12/19/01 5:00

Disposal By/Date

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

House Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Asbestos Air Sampling Data Form

Client: 6143 GATE WAY PLAZA MANAGEMENT CORP Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: .002 Project #:

Work Area: BUILDING 6 - 6 GATE WAY PLAZA 395 SOUTH END AVE

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
25	SEALED BLANK	/								
26	FIELD BLANK	/								
27	FIELD 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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☒ Rush

Relinquished: A. BLAKE Date/Time:

Received: RRly Date/Time: 12/19/01 5:00

Analylist: ATC-TEM By RRly 12/19/01 9130 Disposal By/Date:

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

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

ALCEnvironmental.com

NYC 9/11 Public Portal Document

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

January 2, 2001

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

Subject: Final Air Clearance Sampling: Gateway Plaza 395 South End Avenue
Building 600: Apartment-26P

Gentlemen:

ALC Environmental Incorporated (ALC) (License #00-0358) has been retained to perform bulk sampling, visual assessments & air monitoring according to the *EPA Protocol* to determine the presence of asbestos at the above referenced project.

Based on EPA Guidelines, we collected a bulk sample from this apartment and analyzed it via Polarized Light Microscopy (PLM) Methodology. One (1) sample collected from this apartment was found to be slightly above the regulatory limits of 1% by weight. (See Attached Results)

Approved Asbestos Abatement Inc. (License #99-1184), a certified asbestos abatement contractor hired independently by the owner, was used to clean this specific apartment.

Upon completion of the asbestos clean up procedures, a visual inspection was conducted in this specific apartment unit. No visible asbestos containing material (acm) or debris was observed, ALC then performed final air clearance sampling.

The areas were cleared by ALC via Transmission Electron Microscopy (TEM) Methodology. **The results indicated that the work areas achieved the acceptance criteria well below <70 structures per mm2 set by the above regulations.**

The air sampling and analysis were done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559
www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

The air samples were collected by A. Blake a licensed sampling technician (AH#01-3528) under the supervision of Americo Rodriguez Jr., a licensed project monitor (AH# 89-07160)

ATC Associates, a qualified laboratory (ELAP #10879, NVLAP #101187)) analyzed the bulk samples and air samples using the Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) Methodology.

Sincerely,

Joshua Sarett

Joshua Sarett
ALC Environmental Incorporated

NYC 9/11 Public Portal Document

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

Project: Gateway Plaza Management
395 Southerd Ave., Bldg 600, New York, NY

Received: 12/18/01 8:00:00 AM

ATC Group #: 6128

Analysis Date: 12/18/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
D-1 6128 -1	1800.00	0.0450	0	CHRYSOTILE	0	1	0.0048	22.24	0.0048	
D-2 6128 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-3 6128 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-4 6128 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-5 6128 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
D-6 6128 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 reports 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

NYC-WTC_000121793

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Client: 6128 Gateway Plaza Management Date: 12-17-01

Sampled By: Shane Schoffner Rotometer #: #2 Project #:

Work Area: Bldg # 600 395 South End Ave. Cassette - 2707

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-1	Apt # 26-P inside Foyer	3	1815	2115	180	10.0	10.0	1800		
D-2	Apt # 26-P inside Kitchen	3	1816	2116	180	10.0	10.0	1800		
D-3	Apt # 26-P inside Livingroom	3	1817	2117	180	10.0	10.0	1800		
D-4	26th floor Hallway E. wall	3	1818	2118	180	10.0	10.0	1800		
D-5	26th floor Hallway W. wall	3	1819	2119	180	10.0	10.0	1800		
D-6	26th floor Hallway M. wall	3	1820	2120	180	10.0	10.0	1800		
D-7	Field Blank?									
D-8										
D-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 E. Excursion T. TWA

Analysis: ☒ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☐ _____

Relinquished: Shane Schoffner Date/Time: 12-18-01

Analyst: ATC-TEM By RRy 12/18/01 10:20

Received: ATC [illegible] Date/Time: 12/18/01 8am

Disposal By/Date: _____

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

January 2, 2001

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

Subject: Final Air Clearance Sampling: Gateway Plaza 395 South End Avenue
Building 600: Apartment-28N

Gentlemen:

ALC Environmental Incorporated (ALC) (License #00-0358) has been retained to perform bulk sampling, visual assessments & air monitoring according to the *EPA Protocol* to determine the presence of asbestos at the above referenced project.

Based on EPA Guidelines, we collected a bulk sample from this apartment and analyzed it via Polarized Light Microscopy (PLM) Methodology. One (1) sample collected from this apartment was found to be slightly above the regulatory limits of 1% by weight. (See Attached Results)

Approved Asbestos Abatement Inc. (License #99-1184), a certified asbestos abatement contractor hired independently by the owner, was used to clean this specific apartment.

Upon completion of the asbestos clean up procedures, a visual inspection was conducted in this specific apartment unit. No visible asbestos containing material (acm) or debris was observed, ALC then performed final air clearance sampling.

The areas were cleared by ALC via Transmission Electron Microscopy (TEM) Methodology. **The results indicated that the work areas achieved the acceptance criteria well below <70 structures per mm2 set by the above regulations.**

The air sampling and analysis were done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559
www.ALCEnvironmental.com

NYC 9/11 Public Portal Document

The air samples were collected by A. Blake a licensed sampling technician (AH#01-3528) under the supervision of Americo Rodriguez Jr., a licensed project monitor (AH# 89-07160)

ATC Associates, a qualified laboratory (ELAP #10879, NVLAP #101187)) analyzed the bulk samples and air samples using the Polarized Light Microscopy (PLM) and Transmission Electron Microscopy (TEM) Methodology.

Sincerely,

Joshua Sarett

Joshua Sarett
ALC Environmental Incorporated

NYC-WTC_000121796

NYC 9/11 Public Portal Document

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

Project: Gateway Plaza Management
395 Southerd Ave. , Bldg. 600 , New York , NY

Received: 12/19/01 5:00:00 AM

ATC Group #: 6143

Analysis Date: 12/19/01

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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
1 6143 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 6143 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 6143 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 6143 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 6143 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 6143 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
7 6143 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
8 6143 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 reports 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

NYC-WTC_000121797

NYC 9/11 Public Portal Document

Received: 12/19/01 5:00:00 AM

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

ATC Group #: 6143

Analysis Date: 12/19/01

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

Project: Gateway Plaza Management
395 Southerd Ave., Bldg. 600, New York, 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
9 6143 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 6143 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
11 6143 -11	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 6143 -12	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
13 6143 -13	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
14 6143 -14	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
15 6143 -15	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
16 6143 -16	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
17 6143 -17	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
18 6143 -18	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 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

NYC-WTC_000121798

NYC 9/11 Public Portal Document

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

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

Received: 12/19/01 5:00:00 AM

ATC Group #: 6143

Analysis Date: 12/19/01

Project: Gateway Plaza Management
395 Southerd Ave. , Bldg 600 , New York , 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	Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
19 6143 -19	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
20 6143 -20	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
21 6143 -21	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
22 6143 -22	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
23 6143 -23	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
24 6143 -24	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV
Analyzed by: RRey

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 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

NYC-WTC_000121799

NYC-WTC_000121800

NYC 9/11 Public Portal Document

6143

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA MANAGEMENT CORP Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: 002 Project #:

Work Area: BUILDING # 600 - GATEWAY PLAZA 395 SOUTH END AVE MANHATTAN

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
1	APT 28N LIVING ROOM	3	7:00 P.M	10:00 P.M	180	10	10	1800		
2	APT 28N BEDROOM-1	3	7:03 P.M	10:03 P.M	180	10	10	1800		
3	APT 28N BEDROOM-2	3	7:06 P.M	10:06 P.M	180	10	10	1800		
4	HALL-WAY 28FL OUTSIDE APT 28N	3	7:10 P.M	10:10 P.M	180	10	10	1800		
5	HALL-WAY 28FL OUTSIDE APT 28D	3	7:13 P.M	10:13 P.M	180	10	10	1800		
6	HALL-WAY 28FL OUTSIDE ELEV#11	3	7:16 P.M	10:16 P.M	180	10	10	1800		
7	APT 25M LIVING ROOM	3	7:20 P.M	10:20 P.M	180	10	10	1800		
8	APT 25M BEDROOM	3	7:23 P.M	10:23 P.M	180	10	10	1800		

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

Analysis: ☒ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☒ RUSH

Relinquished: A. BLAKE Date/Time: 12/19/01 9:30

Received: RRy Date/Time: 12/19/01 5:00

Analyst: AFC-TEM By RRy 12/19/01

Disposal By/Date:

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S Broad Street • Philadelphia, PA 19102 • 215 732 9490 • 888 789 8378 • Fax: 215.732 9559

www.AFCEnvironmental.com

AFC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

6142

Asbestos Air Sampling Data Form

Client: GATE-WAY PLAZA MANAGEMENT CORP. Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: 002 Project #:

Work Area: BUILDING - 600 GATEWAY PLAZA 395 SOUTH END AVE

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
9	APT 25 M KITCHEN	3	7 25 P.M	10 25 P.M	180	10	10	1800		
10	HALL-WAY 25 FLOOR OUTSIDE APT 25 M	3	7 28 P.M	10 28 P.M	180	10	10	1800		
11	HALL-WAY 25 FLR OUTSIDE APT 25G	3	7 30 P.M	10 30 P.M	180	10	10	1800		
12	HALLWAY 25 FLOOR OUTSIDE ELEVATOR-10	3	7 33 P.M	10 33 P.	180	10	10	1800		
13	APT 23 A BEDROOM/ LIVING ROOM	3	7 38 P.M	10 38 P.M	180	10	10	1800		
14	APT 23A KITCHEN	3	7 40 P.M	10 40 P.M	180	10	10	1800		
15	APT 23 A HALL-WAY	3	7 42 P.M	10 42 P.M	180	10	10	1800		
16	HALL-WAY 23 FLR OUTSIDE APT 23 A	3	7 45 P.M	10 45 P.M	180	10	10	1800		

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 AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☒ RUSH

Relinquished: A. BLAKE Date/Time: Received: RRly Date/Time: 12/19/01

Analylist: ATC-TEM By RRly 12/19/01 9:30 Disposal By/Date: 5:00

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC-WTC_000121802

6143

Asbestos Air Sampling Data Form

Client: GATE WAY PLAZA MANAGEMENT CORP Date: 12-18-01

Sampled By: A. BLAKE Rotometer #: .002 Project #:

Work Area: BUILDING - 600 GATE WAY PLAZA, 395 SOUTH END AVE MANHATTAN

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
17	HALL-WAY 23 FLR OUTSIDE APT 23D	3	7 48 P.M	10 48	180	10	10	1800		
18	HALL-WAY 23 FLR OUTSIDE APT 23L	3	7 52 P.M	10 52	180	10	10	1800		
19	APT 6E LIVING ROOM	3	11 58 P.M	2 58 A.M	180	10	10	1800		
20	APT 6E BEDROOM	3	11 62 P.M	2 02 A.M	180	10	10	1800		
21	APT 6E KITCHEN	3	11 04 P.M	2 04 A.M	180	10	10	1800		
22	HALL-WAY 6 FLOOR OUTSIDE APT 6E	3	11 08 P.M	2 08 A.M	180	10	10	1800		
23	HALL-WAY 6 FLOOR OUTSIDE ELEVATOR-11	3	11 10 P.M	2 10 A.M	180	10	10	1800		
24	HALL-WAY 6 FLOOR OUTSIDE APT 6K	3	11 15 P.M	2 15 A.M	180	10	10	1800		

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal A. Aggressive D. Dormant I. 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) ☒ RUSH

Relinquished: A. BLAKE Date/Time

Received: RRey Date/Time 12/19/01 6:00

Analyst: ATC-TEM By: RRey 12/20 9:30 Disposal By/Date

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ATCEnvironmental.com

ATC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

NYC 9/11 Public Portal Document

ALC ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Client: 6133 Gateway Plaza Date: 12/17/01

Sampled By: Benyaguyer Rotometer #: Project #:

Work Area: Bld #600 Cassette 2707

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results (f/cc)
D-1	apt 33P inside Foyer	3	18:05	21:05	180	10	10	1800		
D-2	apt 33P inside Kitchen	3	18:06	21:06	180	10	10	1800		
D-3	apt 33P inside Livingroom	3	18:07	21:07	180	10	10	1800		
D-4	apt 33P outside Hallway E. wall	3	18:08	21:08	180	10	10	1800		
D-5	apt 33P outside Hallway W. wall	3	18:09	21:09	180	10	10	1800		
D-6	apt 33P outside Hallway Middle wall	3	18:10	21:10	180	10	10	1800		
D-7	Field Blank									
D-8	Field Blank									
D-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 E. Excursion T. TWA

Analysis: ☑ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☑ Same Day (12hr) ☐ _____

Relinquished: Shane Schaffner Date/Time: 12-18-01 Received: ATC JD Date/Time: 12/18/01

Analylist: [signature] Disposal By/Date: 12/18 12:00 [signature]

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9559

www.ALCEnvironmental.com