

Date: October 22, 2001

Visual Assessment, Bulk Sampling & Air Monitoring Report:

Gateway Plaza Project: 385 South End Avenue
Building #500

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

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1.0 Introduction

October 19, 2001

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

Subject: Gateway Plaza Building #500

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 25, October 5, & 13, 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."

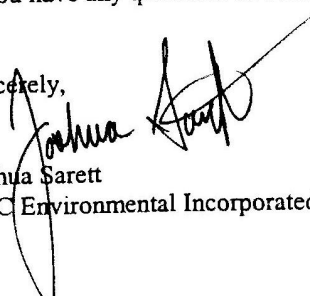
ALC is licensed to perform asbestos activities by the State of New York Department of Labor (License # 00-0358). ALC employs only certified asbestos personnel to perform required tasks. The following personnel were used to perform asbestos air monitoring and/or asbestos inspections.

Project Manager:	Americo Rodriguez Jr. (License #AH 89-07160)
Inspector:	Alvin R. Blake (License #AH 00-08397)
Sampling Technician:	Alvin B. Blake (License #AH 01-03528)

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

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. All samples analyzed were found to be below the permissible limits for asbestos.

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 Americo Rodriguez Jr., a licensed project monitor (AH# 89-07160) and A.B. Blake a licensed sampling technician (AH 01-03528). 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 (cummingtonite-grunerite), crocidolite (riebeckite), tremolite, anthophyllite and actinolite.

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

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.

With the guidance of the above referenced document and NYCDEP we went to each floor and assessed each apartment on each floor for visible dust and debris. Upon completion of the initial assessment and bulk sample collection, ALC determined that there were no elevated asbestos levels present above the guidelines in any of the apartments where samples were taken.

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

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 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 and the end plug. The cassettes were placed in sealed containers, labeled with an identifying code and a sample log was kept. The samples were then submitted to the laboratory to be analyzed for asbestos content. A chain of custody record was prepared and accompanied the samples to the laboratory.

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.

5. Findings and Conclusions

Eight (8) initial background air samples were collected and analyzed via phase contrast microscopy (PCM) at building 500. Four (4) samples were analyzed via Transmission Electron Microscopy (TEM). After analysis via TEM, all were below the permissible limits.

Based on EPA Guidelines, we collected forty-six (46) bulk samples and analyzed them via Polarized Light Microscopy (PLM) Methodology. Zero (0) were found to be above the regulatory limits.

Thirty-five (35) 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.

7. Report

7.1 Laboratory Results

7.12 Initial Bulk Sampling and Air Results



104 East 25th Street
New York, New York 10010
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212.353.8280
Fax 212.353.8306

October 8, 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 four PCM air samples from our Group No. 5635:

Client: Mid-State
Project Name: 385 South End Ave., Bldg. 500
Location: Various Apts.
Samples received: 10/08/01

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.

Only non-asbestos structures were detected in the samples in the following proportions:

sample	gypsum	cellulose	F/CC as Asbestos
1	100.0%	0.0%	0.0
3	100.0%	0.0%	0.0
5	0.0%	100.0%	0.0
6	42.6%	57.4%	0.0

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



104 East 25th Street
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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,

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

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

S635

107-

Asbestos Air Sampling Data Form

Client: Mid-State Sampled By: 4PCM 60583-60586 Date: 9-27-01

Work Area: 385 Southern Ave. Bldg 500 - Various Apts Project #: 9-27-01

Relometer #: #2

Sample # 1 Lab # 1 Code 4 Sample Location Apt # 7C, Living Rm.

Time Start 1030 Stop 1130 Total Minutes 60 Flow Rate Start 10.0 Stop 10.0 Total Volume 600 # Fibers /100 Ft² 0.017 Results (f/cc) 0.017

Sample # 2 Lab # 2 Code 4 Sample Location Apt # 7H-J, Living Rm.

Time Start 1031 Stop 1131 Total Minutes 60 Flow Rate Start 10.0 Stop 10.0 Total Volume 600 # Fibers /100 Ft² 0.010 Results (f/cc) 0.010

Sample # 3 Lab # 3 Code 4 Sample Location Apt # 7K-J, Living Rm.

Time Start 1032 Stop 1132 Total Minutes 60 Flow Rate Start 10.0 Stop 10.0 Total Volume 600 # Fibers /100 Ft² 0.012 Results (f/cc) 0.012

Sample # 4 Lab # 4 Code 4 Sample Location Apt # 5N-J, Living Rm.

Time Start 1330 Stop 1430 Total Minutes 60 Flow Rate Start 10.0 Stop 10.0 Total Volume 600 # Fibers /100 Ft² 0.009 Results (f/cc) 0.009

Sample # 5 Lab # 5 Code 4 Sample Location Apt # 5C-J, Living Rm.

Time Start 1331 Stop 1431 Total Minutes 60 Flow Rate Start 10.0 Stop 10.0 Total Volume 600 # Fibers /100 Ft² 0.011 Results (f/cc) 0.011

Sample # 6 Lab # 6 Code 4 Sample Location Apt # 5H-J, Living Rm.

Time Start 1332 Stop 1432 Total Minutes 60 Flow Rate Start 10.0 Stop 10.0 Total Volume 600 # Fibers /100 Ft² 0.016 Results (f/cc) 0.016

Sample # 7 Lab # 7 Code 4 Sample Location Apt # 2K-J, Living Rm.

Time Start 1500 Stop 1600 Total Minutes 60 Flow Rate Start 10.0 Stop 10.0 Total Volume 600 # Fibers /100 Ft² 0.008 Results (f/cc) 0.008

Sample # 8 Lab # 8 Code 4 Sample Location Apt # 2G-J, Living Rm.

Time Start 1501 Stop 1601 Total Minutes 60 Flow Rate Start 10.0 Stop 10.0 Total Volume 600 # Fibers /100 Ft² 0.008 Results (f/cc) 0.008

Code 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. Bulk, etc. 7. PCM NIOSH 7400

Analysis ☐ TEM/AFIR ☐ TEM/PA/EDS ☐ TEM/PA/EDS/EDS

Relinquished Received Date/Time 9/27/01 16:45

Analyst 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 • 888.789.8787 • Fax: 215.732.9559

107- 10/2/01 11:20 AM

Batch #6379

The First Choice for Environmental Testing & Consulting

ALC ENVIRONMENTAL INCORPORATED

NYC-WTC_000121420



Batch #6379

The First Choice for Environmental Testing & Consulting

Asbestos Air Sampling Data Form

Client:

Mid-State

Sampled By:

Atkinson, J.C.

Work Area:

365 South End Ave. Bldg. 300 - Various Apts

Date:

9-27-01

Rotometer #:

Various Apts

Project #:

Cassette 20101912

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (Ucc)
			Start	Stop		Start	Stop			
9	Apt # 2D - Living Rm	4	1502	1607	60	10.0	10.0	600	6/100	<0.008
10	Bldg. 300, Apt # 1F - Living Rm	4	1615	1715	60	10.0	10.0	600	9/100	<0.008
11	Bldg. 300, Apt # 1G - Living Rm	4	1616	1716	60	10.0	10.0	600	7/100	<0.008
12	Bldg. 300, Apt # 1C - Living Rm	4	1617	1717	60	10.0	10.0	600	10/100	0.008
13	Field Blank								0/100	-
14	Field Blank								0/100	-

Codes 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. Duplicate

Analysis ☐ TEM/ASHERA ☐ TEM/Phaseable ☐ TEM/ASHERA

Excavation ☐ L Inside Work Area ☐ O Outside Work Area ☐ T TWA

Turnaround ☐ ASAP ☐ 2 Day (48hr) ☐ 10 Same Day (12hr)

Relinquished Analyst

Date/Time

09/27/01 18:45

Received ATC Lab

Date/Time 09/27/01 18:15

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

7.13 Bulk Sampling Results

ALC Environmental Inc.

3000

**ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY**
DATE OF SAMPLING: 10 / 05 / 01
 PROJECT NAME: Lebak - Organization
 PROJECT ADDRESS: Building 500 - 385 South End Avenue

 TURN AROUND TIME 2hr ☐ 6hr ☐ 12hr ☒ 24hr ☐ 72hr ☐ Other ☐

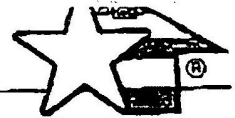
Home Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	# 1	Misc	Apt 7A - livingrm - window		
	2		7B - livingrm - window		
	3		7C - livingrm - window		
	4		Apt 7D/7E - livingrm - window		
	5		7D/7E - Bedrm - floor		
	6		7F - livingrm - window		
	7		7G - livingrm - window		
	8		7M - livingrm - window		
	9		7N - livingrm - window		
	10		6B - livingrm - window		
	11		6B - Bedrm - window		
	12		6D - livingrm - window		
	13		6K - livingrm - window		
	14		6N - livingrm - window		
	15		5B - livingrm - window		
	16		5C - livingrm - window		
	17		5G - livingrm - window		
	18		5J - Bedrm 1 - window		
	19		5K - Bedrm 1 - window		
	20		5K - livingrm - window		

Field Comments:
 Relinquished by: A.R. Blake Date: 10-5-01
 Received by: gla Date: 10/6/01
 Laboratory Name: ATC

V6 PM

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ALC Environmental Inc.



3050

ALC ENVIRONMENTAL ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10, 5, 01

PROJECT NAME: Midstate
PROJECT ADDRESS: Building 500- 385 South End Avenue

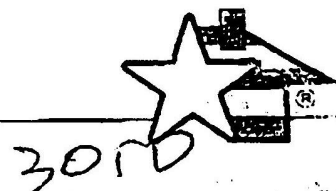
TURN AROUND TIME 2hr 6hr 12hr ☒ 24hr 72hr Other

Home Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	21	MISC	5L - livingrm - floor		
	22		5L - livingrm - window		
	23		5M - livingrm - window		
	24		4C - livingrm - window		
	25		4C - Bedrm - window		
	26		4E - livingrm - window		
	27		4F - livingrm - window		
	28		4M - Bedrm - floor		
	29		4M - livingrm - floor		
	30		4N - livingrm - window		
	31		3A - livingrm - window		
	32		3B/3C/3D - Bedrm2 - window		
	33		3E - livingrm - floor		
	34		3G - livingrm - window		
	35		3K - Bedrm2 - window		
	36		3N - livingrm - window		
	37		3N - livingrm - floor		
	38		2D - Bedrm2 - window		
	39		2F - Bedrm1 - window		
	40		2F - Bedrm2 - window		

Field Comments:

Relinquished by: A.R. Blake Date: 10-5-01
Received by: gr Date: 10/16/01
Laboratory Name: ALC

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ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 5 / 01

PROJECT NAME: Mid-State
PROJECT ADDRESS: 385 Southend Lane - Bldg. 500

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

[illegible]

Field Comments:

Field Comments:

Relinquished by: A-L Blake Date: 10-5-01

Received by: Dr Date: 10/6/01

Laboratory Name: AIC

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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 8305

NYLAP 901101
ELAP 10379

Microscope Only B1-2

Client / Project ALC / Cefuroxide Bldg 500 Project No 3050

Analysis Date 10/6/01 Analyst gpa / mwb Batch No 3050

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	Color <u>tan</u> Homogeneity <u>X</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Comments:	Morphology <u>fib</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>tan</u> Extinction <u>tan</u> RI II <u>tan</u> Color Pico <u>tan</u> Sign <u>tan</u>	Chrysotile <u>0.5</u> Amosite <u>0.5</u> Other <u>0.5</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>0.5</u>	Mineral Filler <u>50</u> Organic Binders <u>50</u> Vermiculite <u>50</u> Other <u>0.5</u>	Organic <u>50</u> Residue <u>50</u> Carbonate <u>50</u> Other <u>0.5</u> Asbestos <u>50</u>
2	Color <u>tan</u> Homogeneity <u>X</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Comments:	Morphology <u>fib</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>tan</u> Extinction <u>tan</u> RI II <u>tan</u> Color Pico <u>tan</u> Sign <u>tan</u>	Chrysotile <u>0.5</u> Amosite <u>0.5</u> Other <u>0.5</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>0.5</u>	Mineral Filler <u>50</u> Organic Binders <u>50</u> Vermiculite <u>50</u> Other <u>0.5</u>	Organic <u>50</u> Residue <u>50</u> Carbonate <u>50</u> Other <u>0.5</u> Asbestos <u>50</u>
3	Color <u>tan</u> Homogeneity <u>X</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Comments:	Morphology <u>fib</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>tan</u> Extinction <u>tan</u> RI II <u>tan</u> Color Pico <u>tan</u> Sign <u>tan</u>	Chrysotile <u>0.5</u> Amosite <u>0.5</u> Other <u>0.5</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>0.5</u>	Mineral Filler <u>50</u> Organic Binders <u>50</u> Vermiculite <u>50</u> Other <u>0.5</u>	Organic <u>50</u> Residue <u>50</u> Carbonate <u>50</u> Other <u>0.5</u> Asbestos <u>50</u>
4	Color <u>tan</u> Homogeneity <u>X</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Comments:	Morphology <u>fib</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>tan</u> Extinction <u>tan</u> RI II <u>tan</u> Color Pico <u>tan</u> Sign <u>tan</u>	Chrysotile <u>0.5</u> Amosite <u>0.5</u> Other <u>0.5</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>0.5</u>	Mineral Filler <u>50</u> Organic Binders <u>50</u> Vermiculite <u>50</u> Other <u>0.5</u>	Organic <u>50</u> Residue <u>50</u> Carbonate <u>50</u> Other <u>0.5</u> Asbestos <u>50</u>

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

HVLP 10118
ELAP 10010

Microscope OLVP Bit 2

Client / Project

ALC / LeFrak Bldg 500

Project No

3050

Analysis Date

10/6/01

Analyst

gta / h

Batch No

3050

1	Field No. 9	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
		Color	Texture	Morphology	Extinction	Chrysotile	Cellulose	Mineral Fiber	Organic
		Homogeneity	Asbestos	RI I	RI II	Anisole	Fiberglass	Organic Binders	Residue
		# of Layers	Asbestos	DS Color	Color Photo	Other	Other	Vermiculite	Carbonate
		Color of Layer	Detected	Brief	Sign			Other	Asbestos
		Comments:							
		Method:							

2	Field No. 10	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
		Color	Texture	Morphology	Extinction	Chrysotile	Cellulose	Mineral Fiber	Organic
		Homogeneity	Asbestos	RI I	RI II	Anisole	Fiberglass	Organic Binders	Residue
		# of Layers	Asbestos	US Color	Color Photo	Other	Other	Vermiculite	Carbonate
		Color of Layer	Detected	Brief	Sign			Other	Asbestos
		Comments:							
		Method:							

3	Field No. 11	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
		Color	Texture	Morphology	Extinction	Chrysotile	Cellulose	Mineral Fiber	Organic
		Homogeneity	Asbestos	RI I	RI II	Anisole	Fiberglass	Organic Binders	Residue
		# of Layers	Asbestos	US Color	Color Photo	Other	Other	Vermiculite	Carbonate
		Color of Layer	Detected	Brief	Sign			Other	Asbestos
		Comments:							
		Method:							

4	Field No. 12	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
		Color	Texture	Morphology	Extinction	Chrysotile	Cellulose	Mineral Fiber	Organic
		Homogeneity	Asbestos	RI I	RI II	Anisole	Fiberglass	Organic Binders	Residue
		# of Layers	Asbestos	DS Color	Color Photo	Other	Other	Vermiculite	Carbonate
		Color of Layer	Detected	Brief	Sign			Other	Asbestos
		Comments:							
		Method:							

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NY 67 101107

E1AP 10970

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

Client / Project

Project No.

Analysis Date

Analyst: 1/11/11

Match No 5010

9

[illegible]

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NVLAP 10102
ELAP 18378

Microscope OLTP 2117

Client / Project ALC / LeFrak Bldg 500 Project No. 3050

Analysis Date 10/6/01 Analyst gpa / maw Batch No. 3050

Field No. <u>1</u>	Stereoscopic Exam Color <u>Yes</u> Homogeneity <u>Yes</u> # of Layers <u>4</u> Color of Layer <u>Asbestos</u> Detected <u>Yes</u> Comments: <u>Asbestos</u>	PLM Optical Properties Morphology <u>W</u> RI <u>1.5</u> DS Color <u>W</u> Brief <u>Sign</u>	Asbestos Results PLM % Chrysotile <u>100</u> Amosite <u>0</u> Other <u>0</u>	Other Fibrous % Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>0</u>	Non Fibrous % Mineral Filler <u>50</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Gravimetric (HOB) Results % Organic <u>0</u> Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>100</u>
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Field No. <u>2</u>	Stereoscopic Exam Color <u>Yes</u> Homogeneity <u>Yes</u> # of Layers <u>4</u> Color of Layer <u>Asbestos</u> Detected <u>Yes</u> Comments: <u>Asbestos</u>	PLM Optical Properties Morphology <u>W</u> RI <u>1.5</u> DS Color <u>W</u> Brief <u>Sign</u>	Asbestos Results PLM % Chrysotile <u>100</u> Amosite <u>0</u> Other <u>0</u>	Other Fibrous % Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>0</u>	Non Fibrous % Mineral Filler <u>50</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Gravimetric (HOB) Results % Organic <u>0</u> Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>100</u>
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Field No. <u>3</u>	Stereoscopic Exam Color <u>Yes</u> Homogeneity <u>Yes</u> # of Layers <u>4</u> Color of Layer <u>Asbestos</u> Detected <u>Yes</u> Comments: <u>Asbestos</u>	PLM Optical Properties Morphology <u>W</u> RI <u>1.5</u> DS Color <u>W</u> Brief <u>Sign</u>	Asbestos Results PLM % Chrysotile <u>100</u> Amosite <u>0</u> Other <u>0</u>	Other Fibrous % Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>0</u>	Non Fibrous % Mineral Filler <u>50</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Gravimetric (HOB) Results % Organic <u>0</u> Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>100</u>
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Field No. <u>4</u>	Stereoscopic Exam Color <u>Yes</u> Homogeneity <u>Yes</u> # of Layers <u>4</u> Color of Layer <u>Asbestos</u> Detected <u>Yes</u> Comments: <u>Asbestos</u>	PLM Optical Properties Morphology <u>W</u> RI <u>1.5</u> DS Color <u>W</u> Brief <u>Sign</u>	Asbestos Results PLM % Chrysotile <u>100</u> Amosite <u>0</u> Other <u>0</u>	Other Fibrous % Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>0</u>	Non Fibrous % Mineral Filler <u>50</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Gravimetric (HOB) Results % Organic <u>0</u> Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>100</u>
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100101
100102

MICROMERSCORP OLYMPUS ?

Client / Project

ALL Levees Big 500

Project No.

Analysis Date

Analysis

Batch No.

3050

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (MOB) Results %
1	Color <u>tan</u> Homogeneity <u>h</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>W</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>—</u>	Clay/sill <u>4</u> Anosite <u>—</u> Other <u>—</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>—</u>	Mineral Filler <u>50</u> Organic Residue <u>—</u> Vermiculite <u>—</u> Other <u>—</u>	Organic <u>—</u> Residue <u>—</u> Carbonate <u>—</u> Other <u>—</u> Asbestos <u>—</u>
2	Color <u>tan</u> Homogeneity <u>h</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>W</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>—</u>	Clay/sill <u>4</u> Anosite <u>—</u> Other <u>—</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>—</u>	Mineral Filler <u>50</u> Organic Residue <u>—</u> Vermiculite <u>—</u> Other <u>—</u>	Organic <u>—</u> Residue <u>—</u> Carbonate <u>—</u> Other <u>—</u> Asbestos <u>—</u>
3	Color <u>tan</u> Homogeneity <u>h</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>W</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>—</u>	Clay/sill <u>4</u> Anosite <u>—</u> Other <u>—</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>—</u>	Mineral Filler <u>50</u> Organic Residue <u>—</u> Vermiculite <u>—</u> Other <u>—</u>	Organic <u>—</u> Residue <u>—</u> Carbonate <u>—</u> Other <u>—</u> Asbestos <u>—</u>
4	Color <u>tan</u> Homogeneity <u>h</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>W</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>—</u>	Clay/sill <u>4</u> Anosite <u>—</u> Other <u>—</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>—</u>	Mineral Filler <u>50</u> Organic Residue <u>—</u> Vermiculite <u>—</u> Other <u>—</u>	Organic <u>—</u> Residue <u>—</u> Carbonate <u>—</u> Other <u>—</u> Asbestos <u>—</u>
5	Color <u>tan</u> Homogeneity <u>h</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>W</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>—</u>	Clay/sill <u>4</u> Anosite <u>—</u> Other <u>—</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>—</u>	Mineral Filler <u>50</u> Organic Residue <u>—</u> Vermiculite <u>—</u> Other <u>—</u>	Organic <u>—</u> Residue <u>—</u> Carbonate <u>—</u> Other <u>—</u> Asbestos <u>—</u>
6	Color <u>tan</u> Homogeneity <u>h</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>W</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>—</u>	Clay/sill <u>4</u> Anosite <u>—</u> Other <u>—</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>—</u>	Mineral Filler <u>50</u> Organic Residue <u>—</u> Vermiculite <u>—</u> Other <u>—</u>	Organic <u>—</u> Residue <u>—</u> Carbonate <u>—</u> Other <u>—</u> Asbestos <u>—</u>
7	Color <u>tan</u> Homogeneity <u>h</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>W</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>—</u>	Clay/sill <u>4</u> Anosite <u>—</u> Other <u>—</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>—</u>	Mineral Filler <u>50</u> Organic Residue <u>—</u> Vermiculite <u>—</u> Other <u>—</u>	Organic <u>—</u> Residue <u>—</u> Carbonate <u>—</u> Other <u>—</u> Asbestos <u>—</u>
8	Color <u>tan</u> Homogeneity <u>h</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>W</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>—</u>	Clay/sill <u>4</u> Anosite <u>—</u> Other <u>—</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>—</u>	Mineral Filler <u>50</u> Organic Residue <u>—</u> Vermiculite <u>—</u> Other <u>—</u>	Organic <u>—</u> Residue <u>—</u> Carbonate <u>—</u> Other <u>—</u> Asbestos <u>—</u>
9	Color <u>tan</u> Homogeneity <u>h</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>W</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>—</u>	Clay/sill <u>4</u> Anosite <u>—</u> Other <u>—</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>—</u>	Mineral Filler <u>50</u> Organic Residue <u>—</u> Vermiculite <u>—</u> Other <u>—</u>	Organic <u>—</u> Residue <u>—</u> Carbonate <u>—</u> Other <u>—</u> Asbestos <u>—</u>
10	Color <u>tan</u> Homogeneity <u>h</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>W</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>—</u>	Clay/sill <u>4</u> Anosite <u>—</u> Other <u>—</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>—</u>	Mineral Filler <u>50</u> Organic Residue <u>—</u> Vermiculite <u>—</u> Other <u>—</u>	Organic <u>—</u> Residue <u>—</u> Carbonate <u>—</u> Other <u>—</u> Asbestos <u>—</u>
11	Color <u>tan</u> Homogeneity <u>h</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>W</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>—</u>	Clay/sill <u>4</u> Anosite <u>—</u> Other <u>—</u>	Cellulose <u>20</u> Fiberglass <u>30</u> Other <u>—</u>	Mineral Filler <u>50</u> Organic Residue <u>—</u> Vermiculite <u>—</u> Other <u>—</u>	Organic <u>—</u> Residue <u>—</u> Carbonate <u>—</u> Other <u>—</u> Asbestos <u>—</u>
12	Color <u>tan</u> Homogeneity <u>h</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>W</u> RI <u>1.5</u> DS Color <u>tan</u> Biref <u>—</u>	Clay/sill <u>4</u> Anosite <u>—</u> 			

Z	Field No.	Stereoscopic Exam	P.L.M. Optical Properties	Asbestos Results PLM %	Other Filtrous %	Non Fibrous %	Grahnitic (NOM) Results %
		Color ———— Homogeneity ———— # of Layers ———— Color all Layer ————	Morphology RI I DS Color Biref	Clay-silicate Growth Other	Cellulose Fiberglass Other	Amineal filler Organic Binders Vermiculite Others	Organic Residue Carbonate Other Asbestos
		Texture ———— Adhesion ☐ Detected Yes No	Eraction RI II Color Pico Sign				
		Comments:					
		Method: ☐ 10x + 10x ☐ 10x ☒ 10x ☐ 10x					
		PRINT EQUIP RESULTS ON JOB CARD					

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gracimelic (JOB)
3	Color <u>TL</u> Homogeneity <u>Y</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Morphology <u>—</u> Extinction <u>—</u> RI <u>—</u> III <u>—</u> DS Color <u>—</u> Color, IR <u>—</u> Biref <u>—</u> Sign <u>—</u>	Chrysotile <u>—</u> Amosite <u>—</u> Other <u>—</u>	Cellulose <u>15</u> Fiberglass <u>25</u> Other <u>—</u>	Mineral Filler <u>62</u> Organic Binders <u>—</u> Vermiculite <u>—</u> Other <u>—</u>	Organic <u>—</u> Residue <u>—</u> Carbonate <u>—</u> Other <u>—</u> Asbestos <u>—</u>
Comments: <u>—</u>						
Method: ☐ 100x ☐ 150x ☐ 200x ☐ 300x ☐ 400x ☐ 500x ☐ 600x ☐ 700x ☐ 800x ☐ 900x ☐ 1000x ☐ 1100x ☐ 1200x ☐ 1300x ☐ 1400x ☐ 1500x ☐ 1600x ☐ 1700x ☐ 1800x ☐ 1900x ☐ 2000x ☐ 2100x ☐ 2200x ☐ 2300x ☐ 2400x ☐ 2500x ☐ 2600x ☐ 2700x ☐ 2800x ☐ 2900x ☐ 3000x ☐ 3100x ☐ 3200x ☐ 3300x ☐ 3400x ☐ 3500x ☐ 3600x ☐ 3700x ☐ 3800x ☐ 3900x ☐ 4000x ☐ 4100x ☐ 4200x ☐ 4300x ☐ 4400x ☐ 4500x ☐ 4600x ☐ 4700x ☐ 4800x ☐ 4900x ☐ 5000x ☐ 5100x ☐ 5200x ☐ 5300x ☐ 5400x ☐ 5500x ☐ 5600x ☐ 5700x ☐ 5800x ☐ 5900x ☐ 6000x ☐ 6100x ☐ 6200x ☐ 6300x ☐ 6400x ☐ 6500x ☐ 6600x ☐ 6700x ☐ 6800x ☐ 6900x ☐ 7000x ☐ 7100x ☐ 7200x ☐ 7300x ☐ 7400x ☐ 7500x ☐ 7600x ☐ 7700x ☐ 7800x ☐ 7900x ☐ 8000x ☐ 8100x ☐ 8200x ☐ 8300x ☐ 8400x ☐ 8500x ☐ 8600x ☐ 8700x ☐ 8800x ☐ 8900x ☐ 9000x ☐ 9100x ☐ 9200x ☐ 9300x ☐ 9400x ☐ 9500x ☐ 9600x ☐ 9700x ☐ 9800x ☐ 9900x ☐ 10000x						

4	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	W	Color <u>tan</u>	Mineralogy <u>act</u>	Chrysotile <u>70</u>	Celadonite <u>15</u>	65% Mineral fibers	Organic _____
		Homogeneity <u>h</u>	RI <u>1.5</u>	Amosite _____	Fiberglass <u>20</u>	Organic fibers _____	Residue _____
		# of layers <u>2</u>	DS Color <u>wh</u>	Other _____	Olivia _____	Vermiculite _____	Carbunale _____
		Color of layer _____	Biref <u>+</u>			Other _____	Other _____
		Comments:					Asbestos _____
		Method: <u>100x</u> <u>100x</u> <u>100x</u> <u>100x</u>	☐ Scanning Electron Microscopy	☐ X-ray diffraction	☐ Infrared	☐ Other	☐ Other
		Asbestos count					

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NYLAP 10189

ELAP 10010

Microscope OLYMPUS BH-2

Client / Project ALC / Lefrak Bldg 500 Project No. 3050
 Analysis Date 10/6/01 Analyst gpa / mwa Batch No. 3050

1	Field No. <u>25</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>tan</u>	Texture <u>F</u>	Morphology <u>W</u>	Extinction <u>U</u>	RI I <u>1.5</u>	Chrysotile <u>15</u>	Cellulose <u>15</u>	Mineral Filler <u>62</u>	Organic
	Homogeneity <u>ok</u>	Asbestos <u>ok</u>	DS Color <u>W</u>	RI II <u>1.5</u>	Anisole <u>15</u>	Fiberglass <u>25</u>	Organic Binders	Residue	
	# of Layers <u>1</u>	Detected <u>Yes</u>	Color Pico <u>1</u>	Color Pico <u>1</u>	Other <u>15</u>	Other	Vermiculite	Carbonate	
	Color of Layer <u>tan</u>	Detected <u>Yes</u>	Sign <u>1</u>	Sign <u>1</u>	Other	Other	Other	Other	Asbestos
	Comments:								
	Method: ☒ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM								

2	Field No. <u>26</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>tan</u>	Texture <u>F</u>	Morphology <u>W</u>	Extinction <u>U</u>	RI I <u>1.5</u>	Chrysotile <u>15</u>	Cellulose <u>15</u>	Mineral Filler <u>62</u>	Organic
	Homogeneity <u>ok</u>	Asbestos <u>ok</u>	DS Color <u>W</u>	RI II <u>1.5</u>	Anisole <u>15</u>	Fiberglass <u>25</u>	Organic Binders	Residue	
	# of Layers <u>1</u>	Detected <u>Yes</u>	Color Pico <u>1</u>	Color Pico <u>1</u>	Other <u>15</u>	Other	Vermiculite	Carbonate	
	Color of Layer <u>tan</u>	Detected <u>Yes</u>	Sign <u>1</u>	Sign <u>1</u>	Other	Other	Other	Other	Asbestos
	Comments:								
	Method: ☒ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM								

3	Field No. <u>27</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>tan</u>	Texture <u>F</u>	Morphology <u>W</u>	Extinction <u>U</u>	RI I <u>1.5</u>	Chrysotile <u>15</u>	Cellulose <u>15</u>	Mineral Filler <u>62</u>	Organic
	Homogeneity <u>ok</u>	Asbestos <u>ok</u>	DS Color <u>W</u>	RI II <u>1.5</u>	Anisole <u>15</u>	Fiberglass <u>25</u>	Organic Binders	Residue	
	# of Layers <u>1</u>	Detected <u>Yes</u>	Color Pico <u>1</u>	Color Pico <u>1</u>	Other <u>15</u>	Other	Vermiculite	Carbonate	
	Color of Layer <u>tan</u>	Detected <u>Yes</u>	Sign <u>1</u>	Sign <u>1</u>	Other	Other	Other	Other	Asbestos
	Comments:								
	Method: ☒ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM								

4	Field No. <u>28</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>tan</u>	Texture <u>F</u>	Morphology <u>W</u>	Extinction <u>U</u>	RI I <u>1.5</u>	Chrysotile <u>15</u>	Cellulose <u>15</u>	Mineral Filler <u>62</u>	Organic
	Homogeneity <u>ok</u>	Asbestos <u>ok</u>	DS Color <u>W</u>	RI II <u>1.5</u>	Anisole <u>15</u>	Fiberglass <u>25</u>	Organic Binders	Residue	
	# of Layers <u>1</u>	Detected <u>Yes</u>	Color Pico <u>1</u>	Color Pico <u>1</u>	Other <u>15</u>	Other	Vermiculite	Carbonate	
	Color of Layer <u>tan</u>	Detected <u>Yes</u>	Sign <u>1</u>	Sign <u>1</u>	Other	Other	Other	Other	Asbestos
	Comments:								
	Method: ☒ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM ☐ PLM								

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APR 1951

MICROSCOPE OLYMP BUI 2

Clinical / Project	ALC / Leukemia Bldg 500
Analysis Date	10/6/01 gpa / unw

Contract / Project	Project No.
ATC / Office	Bldg 500

Analysis Date 10/6/01 Analyst 446 / *mw* Batch No

Batch No 3050

[illegible]

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 8006

NVLAP 10187
ELAP 10879

Microscope OLYMP BH-2

Client / Project

ALC / LeFrak Bldg 500

Project No

Batch No

Analysis Date

Analyst

3050

Field No. 33	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color	Texture	Morphology	Chrysotile	Cellulose	Mineral Fiber	Organic
Homogeneity	Asbestos	RII	Amosite	Fiberglass	Organic Binders	Residue
# of Layers	Detected	DS Color	Other	Other	Vermiculite	Carbonate
Color of Layer	Yes No	Bleed			Other	Asbestos
Comments:						
Method:	Field 100% 0% 0% 0% 0% 0% 0%					

Field No. 34	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color	Texture	Morphology	Chrysotile	Cellulose	Mineral Fiber	Organic
Homogeneity	Asbestos	RII	Amosite	Fiberglass	Organic Binders	Residue
# of Layers	Detected	DS Color	Other	Other	Vermiculite	Carbonate
Color of Layer	Yes No	Bleed			Other	Asbestos
Comments:						
Method:	Field 100% 0% 0% 0% 0% 0% 0%					

Field No. 35	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color	Texture	Morphology	Chrysotile	Cellulose	Mineral Fiber	Organic
Homogeneity	Asbestos	RII	Amosite	Fiberglass	Organic Binders	Residue
# of Layers	Detected	DS Color	Other	Other	Vermiculite	Carbonate
Color of Layer	Yes No	Bleed			Other	Asbestos
Comments:						
Method:	Field 100% 0% 0% 0% 0% 0% 0%					

Field No. 36	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color	Texture	Morphology	Chrysotile	Cellulose	Mineral Fiber	Organic
Homogeneity	Asbestos	RII	Amosite	Fiberglass	Organic Binders	Residue
# of Layers	Detected	DS Color	Other	Other	Vermiculite	Carbonate
Color of Layer	Yes No	Bleed			Other	Asbestos
Comments:						
Method:	Field 100% 0% 0% 0% 0% 0% 0%					

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01/01/1981
01/01/1981

19/01/2000 01:47:11.2

Client / Project

Project No.

Analysis Date

Analysis 48/12b

2

Batch No. 503 D

3050

[illegible]

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 F	Morphology wavy	Extinction 11	Chrysotile 76	Cellulose 25	Mineral Fiber 45	Organic
	Recommendaed	Homogeneity X	Asbestos X	RII Low	RII 12	Amosite	Fiberglass 30	Organic Binders	Residue
	Gravimetric PREP	# of Layers		DS Color	Color/Place wavy	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM	Color of Layer	Yes No	Blot	Sign f			Other	Other
	Gravimetric (NOB) TELL	Comments:							
	Gravimetric (NOB) TELL	Method: ☐ 110° x 120° ☐ 100° x 90° ☐ 100° x 100° ☐ 100° x 150° ☐ 100° x 200° ☐ 100° x 250° ☐ 100° x 300° ☐ 100° x 350° ☐ 100° x 400° ☐ 100° x 450° ☐ 100° x 500° ☐ 100° x 550° ☐ 100° x 600° ☐ 100° x 650° ☐ 100° x 700° ☐ 100° x 750° ☐ 100° x 800° ☐ 100° x 850° ☐ 100° x 900° ☐ 100° x 950° ☐ 100° x 1000° ☐ 100° x 1050° ☐ 100° x 1100° ☐ 100° x 1150° ☐ 100° x 1200° ☐ 100° x 1250° ☐ 100° x 1300° ☐ 100° x 1350° ☐ 100° x 1400° ☐ 100° x 1450° ☐ 100° x 1500° ☐ 100° x 1550° ☐ 100° x 1600° ☐ 100° x 1650° ☐ 100° x 1700° ☐ 100° x 1750° ☐ 100° x 1800° ☐ 100° x 1850° ☐ 100° x 1900° ☐ 100° x 1950° ☐ 100° x 2000° ☐ 100° x 2050° ☐ 100° x 2100° ☐ 100° x 2150° ☐ 100° x 2200° ☐ 100° x 2250° ☐ 100° x 2300° ☐ 100° x 2350° ☐ 100° x 2400° ☐ 100° x 2450° ☐ 100° x 2500° ☐ 100° x 2550° ☐ 100° x 2600° ☐ 100° x 2650° ☐ 100° x 2700° ☐ 100° x 2750° ☐ 100° x 2800° ☐ 100° x 2850° ☐ 100° x 2900° ☐ 100° x 2950° ☐ 100° x 3000° ☐ 100° x 3050° ☐ 100° x 3100° ☐ 100° x 3150° ☐ 100° x 3200° ☐ 100° x 3250° ☐ 100° x 3300° ☐ 100° x 3350° ☐ 100° x 3400° ☐ 100° x 3450° ☐ 100° x 3500° ☐ 100° x 3550° ☐ 100° x 3600° ☐ 100° x 3650° ☐ 100° x 3700° ☐ 100° x 3750° ☐ 100° x 3800° ☐ 100° x 3850° ☐ 100° x 3900° ☐ 100° x 3950° ☐ 100° x 4000° ☐ 100° x 4050° ☐ 100° x 4100° ☐ 100° x 4150° ☐ 100° x 4200° ☐ 100° x 4250° ☐ 100° x 4300° ☐ 100° x 4350° ☐ 100° x 4400° ☐ 100° x 4450° ☐ 100° x 4500° ☐ 100° x 4550° ☐ 100° x 4600° ☐ 100° x 4650° ☐ 100° x 4700° ☐ 100° x 4750° ☐ 100° x 4800° ☐ 100° x 4850° ☐ 100° x 4900° ☐ 100° x 4950° ☐ 100° x 5000° ☐ 100° x 5050° ☐ 100° x 5100° ☐ 100° x 5150° ☐ 100° x 5200° ☐ 100° x 5250° ☐ 100° x 5300° ☐ 100° x 5350° ☐ 100° x 5400° ☐ 100° x 5450° ☐ 100° x 5500° ☐ 100° x 5550° ☐ 100° x 5600° ☐ 100° x 5650° ☐ 100° x 5700° ☐ 100° x 5750° ☐ 100° x 5800° ☐ 100° x 5850° ☐ 100° x 5900° ☐ 100° x 5950° ☐ 100° x 6000° ☐ 100° x 6050° ☐ 100° x 6100° ☐ 100° x 6150° ☐ 100° x 6200° ☐ 100° x 6250° ☐ 100° x 6300° ☐ 100° x 6350° ☐ 100° x 6400° ☐ 100° x 6450° ☐ 100° x 6500° ☐ 100° x 6550° ☐ 100° x 6600° ☐ 100° x 6650° ☐ 100° x 6700° ☐ 100° x 6750° ☐ 100° x 6800° ☐ 100° x 6850° ☐ 100° x 6900° ☐ 100° x 6950° ☐ 100° x 7000° ☐ 100° x 7050° ☐ 100° x 7100° ☐ 100° x 7150° ☐ 100° x 7200° ☐ 100° x 7250° ☐ 100° x 7300° ☐ 100° x 7350° ☐ 100° x 7400° ☐ 100° x 7450° ☐ 100° x 7500° ☐ 100° x 7550° ☐ 100° x 7600° ☐ 100° x 7650° ☐ 100° x 7700° ☐ 100° x 7750° ☐ 100° x 7800° ☐ 100° x 7850° ☐ 100° x 7900° ☐ 100° x 7950° ☐ 100° x 8000° ☐ 100° x 8050° ☐ 100° x 8100° ☐ 100° x 8150° ☐ 100° x 8200° ☐ 100° x 8250° ☐ 100° x 8300° ☐ 100° x 8350° ☐ 100° x 8400° ☐ 100° x 8450° ☐ 100° x 8500° ☐ 100° x 8550° ☐ 100° x 8600° ☐ 100° x 8650° ☐ 100° x 8700° ☐ 100° x 8750° ☐ 100° x 8800° ☐ 100° x 8850° ☐ 100° x 8900° ☐ 100° x 8950° ☐ 100° x 9000° ☐ 100° x 9050° ☐ 100° x 9100° ☐ 100° x 9150° ☐ 100° x 9200° ☐ 100° x 9250° ☐ 100° x 9300° ☐ 100° x 9350° ☐ 100° x 9400° ☐ 100° x 9450° ☐ 100° x 9500° ☐ 100° x 9550° ☐ 100° x 9600° ☐ 100° x 9650° ☐ 100° x 9700° ☐ 100° x 9750° ☐ 100° x 9800° ☐ 100° x 9850							

J	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (%HOB) Results %
	39	Color <u>Tan</u> Homogeneity <u>X</u> No of Layers Color of Layer	Texture <u>F</u> Ril <u>L</u> DS Color <u>Wm</u> Biref <u>L</u> Sign <u>+</u>	Chrysotile <u>70</u> Amosite Other	Cellulose <u>25</u> Fiberglass <u>30</u> Other	Mineral Filler <u>45</u> Organic Binders Venetian Plaster Other	Organic Residue Carbonate Others Asbestos
Comments:							
		Method: ☐ DSC ☒ IR ☐ XRD ☐ TEM ☐ SEM ☐ EDS ☐ Laser Raman ☐	Scale: ☐ 1 page ☐ 2 pages ☐ 3 pages ☐ 4 pages				

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
40	Color <u>tan</u>	Morphology <u>+</u>	Chrysotile <u>30</u>	Cellulose <u>30</u>	Mineral Fiber <u>30</u>	Organic <u>30</u>
	Heterogeneity <u>X</u>	RI <u>---</u>	Amosite <u>---</u>	Fiberglass <u>---</u>	Organic Binders <u>---</u>	Residue <u>---</u>
	# of Layers <u>---</u>	DS Color <u>---</u>	Other <u>---</u>	Other <u>---</u>	Vermiculite <u>---</u>	Carbonate <u>---</u>
	Coat of Layer <u>---</u>	RIel Yes <u>---</u> No <u>---</u>			Other <u>---</u>	Other <u>---</u>
	Comments:					Asbestos <u>---</u>
	Method: <u>PLM, IR, GRP, QM, OM, SM</u>	Scoring: <u>Q, OM, IR, PLM, P, C, M, SM</u>	FPI 1 per % Asbestos = 0			

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DPLAP 10/10/02

ELAP 10/10/02

Microscope OLYMP BH 2

Client / Project ALC / LeFrak Bldg 500

Analysis Date 10/6/01 Analyst gpa/w

Project No.

Batch No

3050

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Fibrous %	Fibrous %	Gravimetric (HOB) Results %
1	Color <u>tan</u> Homogeneity <u>X</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Comments:	Morphology <u>RI I</u> DS Color <u>tan</u> Brief <u>tan</u> Extinction <u>RI I</u> Color Plo <u>tan</u> Sign <u>tan</u>	Chrysotile <u>tan</u> Anosite <u>tan</u> Other <u>tan</u>	Cellulose <u>tan</u> Fiberglass <u>tan</u> Other <u>tan</u>	Mineral Filler <u>tan</u> Organic Binders <u>tan</u> Vermiculite <u>tan</u> Other <u>tan</u>	Organic <u>tan</u> Residue <u>tan</u> Carbonate <u>tan</u> Other <u>tan</u> Asbestos <u>tan</u>
2	Color <u>tan</u> Homogeneity <u>X</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Comments:	Morphology <u>RI I</u> DS Color <u>tan</u> Brief <u>tan</u> Extinction <u>RI I</u> Color Plo <u>tan</u> Sign <u>tan</u>	Chrysotile <u>tan</u> Anosite <u>tan</u> Other <u>tan</u>	Cellulose <u>tan</u> Fiberglass <u>tan</u> Other <u>tan</u>	Mineral Filler <u>tan</u> Organic Binders <u>tan</u> Vermiculite <u>tan</u> Other <u>tan</u>	Organic <u>tan</u> Residue <u>tan</u> Carbonate <u>tan</u> Other <u>tan</u> Asbestos <u>tan</u>
3	Color <u>tan</u> Homogeneity <u>X</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Comments:	Morphology <u>RI I</u> DS Color <u>tan</u> Brief <u>tan</u> Extinction <u>RI I</u> Color Plo <u>tan</u> Sign <u>tan</u>	Chrysotile <u>tan</u> Anosite <u>tan</u> Other <u>tan</u>	Cellulose <u>tan</u> Fiberglass <u>tan</u> Other <u>tan</u>	Mineral Filler <u>tan</u> Organic Binders <u>tan</u> Vermiculite <u>tan</u> Other <u>tan</u>	Organic <u>tan</u> Residue <u>tan</u> Carbonate <u>tan</u> Other <u>tan</u> Asbestos <u>tan</u>
4	Color <u>tan</u> Homogeneity <u>X</u> # of Layers <u>1</u> Color of Layer <u>tan</u> Comments:	Morphology <u>RI I</u> DS Color <u>tan</u> Brief <u>tan</u> Extinction <u>RI I</u> Color Plo <u>tan</u> Sign <u>tan</u>	Chrysotile <u>tan</u> Anosite <u>tan</u> Other <u>tan</u>	Cellulose <u>tan</u> Fiberglass <u>tan</u> Other <u>tan</u>	Mineral Filler <u>tan</u> Organic Binders <u>tan</u> Vermiculite <u>tan</u> Other <u>tan</u>	Organic <u>tan</u> Residue <u>tan</u> Carbonate <u>tan</u> Other <u>tan</u> Asbestos <u>tan</u>

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NVLAP 100107

ELAP 10070

Microscope OLYP B912

Client / Project

Project No.

Analysis Date

גאון רב

3050

Analyst 4816 / h

Analyst 4816 / h

Field No.	Stereoscopic Exam			PLM Optical Properties			Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NORS) Results %
1	Gravimetric (NORS) Required	Color	Texture	Morphology	Extinction		Chrysotile	Cellulose	Mineral Fiber	Organic
	Recommended	Homogeneity	Asbestos	RII	RII		Amosite	Fiberglass	Organic Fluids	Residue
	Gravimetric PHEP/PLM	# of Layers	Detected	DS Color	Colm Plate		Other	Other	Vermiculite	Carbonate
	Gravimetric (NORS) (ELA)	Color of Layer	Yes No	RII	Sign				Other	Other
Comments:										
Method: ☒ 10x ☐ 20x ☐ 30x ☐ 40x				Form 1 page Asbestos - 0						

2	Field No.	Stereoscopic Exam				PLM Optical Properties				Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %			
Gravimetric (NOB) Required	☒	Color	<u>tan</u>	Turbine	<u>F</u>	Morphology	<u>sf</u>	Extinction	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	Cellulose	<u>45</u>	Mineral Filler	Organic
Reconstituted	☒	Homogeneity	<u>4</u>	Asbestos	☒	M	<u>ll</u>	RII	<u>ll</u>	<u>ll</u>	<u>ll</u>	<u>ll</u>	Fiberglass	<u>25</u>	Organic Binders	Residue
Gravimetric PREP	☒	# of Layers				MS	<u>ll</u>	Color PLM	<u>ll</u>	<u>ll</u>	<u>ll</u>	<u>ll</u>	Other		Vermiculite	Carbomate
Gravimetric (NOB) PLM	☒	Color of Layer		Detected	Yes	Brief	<u>ll</u>	Sign	<u>4</u>						Other	
Gravimetric (NOB) TEST	☒	Comments:												DC		Asbestos
Field Exam RESULTS BEHIND BAGS		Method: ☒ 100% ☒ 50% ☒ 25% ☐ 10% ☐ Other												Blank Field Asbestos - 0		

J	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gradometric (HOB) Results %	
		Color _____ Homogeneity _____ Wall Layers _____ Color of layer _____	Morphology _____ RI I _____ RI II _____ DS Color _____ Dust _____	Esterification _____ Amosite _____ Chrysotile _____ Other _____	Celulose _____ Fiberglass _____ Other _____	Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Oxynolic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____	
		Comments:						
		Method: ☐ Low ☒ High ☐ Trip ☐ Spot	Scanning Electron Microscopy (SEM-EDS)					
			Final Report Section 9.0					

[illegible]

7.14 Air Sampling Results

5684

STANDARD DRIPPING DATA FORM

Client: GATB Way PLAZA MANAGERS QAP

Sampled By: A. BLAKE Date: 10-13-01

Work Area: BUILDING 500 GATB Way PLAZA 385 SOUTH 6th (Cassette: 7000)

Rotometer #: 001 Project #: 10-13-01

Sample #	Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results
				Start	Stop		Start	Stop			
1		APT 7A LIVING ROOM	4	2040	2340	180	10	10	1800		Film 22.3
2		APT 7E (7C) BED ROOM	4	2044	2344	180	10	10	1800		<22.3
3		APT 7H LIVING	4	2048	2348	180	10	10	1800		<22.3
4		APT 7E BED ROOM	4	2052	2352	180	10	10	1800		<22.3
5		HALLWAY 7th Floor OUTSIDE APT 7A	4	2056	2356	180	10	10	1800		<22.3
6		APT 6E LIVING Room / BED ROOM	4	2100	2400 2400	180	10	10	1800		<22.3
7		APT 6L BED ROOM / LIVING	4	2104	2404 2404	180	10	10	1800		<22.3
8		APT 6G LIVING Room / BED ROOM	4	2108	2408 2408	180	10	10	1800		<22.3

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

Relinquished: A. BLAKE Date/Time: 10-14-01 Disposal By/Date: 11:00 AM

Analyst: ATC-TEM RBY Date/Time: 10-13-01

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5684-07-

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA ALAN KATZ Date: 10-13-01Sampled By: A. BLAKESWork Area: BUILDING 500 - GATEWAY PLAZA 375 SOUTH END AVE Project #: 001 Cassette: 7800

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/100f)
			Start	Stop		Start	Stop			
9	HALLWAY 6 FLOOR	4	2112	2412	180	10	10	1800		F/100f <22.3
10	APT 6 E	4	2116	2416	180	10	10	1800		<22.3
11	APT 5 E	4	2124	2424	180	10	10	1800		<22.3
12	APT 5 M	4	2128	2428	180	10	10	1800		<22.3
13	APT 5 J	4	2132	2432	180	10	10	1800		<22.3
14	APT 5 A	4	2136	2436	180	10	10	1800		<22.3
(15) 15	HALLWAY 5 FLOOR	4	2140	2440	180	10	10	1800		<22.3
(16) 16	BLANK									

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

Analysis: ☒ TEM AHRA ☐ TEM PHILADELPHIA ☐ TEM NIOSH 7400 ☐ ASAP ☐ 2 Day (48hr) ☒ 2 Day (12hr) ☒ 2 Day (12hr)

Relinquished: A. BLAKES Date/Time: 10.14.01 Received: ATC-TEM Date/Time: 10.14.01 Disposal By/Date: 10.14.01

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5684

Ambient Air Sampling Data Form

Client:

GATEWAY PLAZA Mgmt Corp

Sampled By:

A. BLAKE

Work Area:

BUILDING 500 - GATEWAY Plaza

Date:

10-13-01

Rotometer #:

001

Project #:

MANHATTAN EXCHANGE

Sample #	Lab #	Sample Location	Code	Time	Total Minutes	Flow Rate	Total Volume	# Filtr./100 Fields	Ex. Filtr./100 Fields
17		APT 4B LIVING RM	4	Start 2450 Stop 0050	180	10	1800		<22.3
18		APT 4G LIVING/Bed Room	4	Start 2454 Stop 0054	180	10	1800		<22.3
19		APT 4J Bed Room	4	Start 2458 Stop 0058	180	10	1800		<22.3
20		HALL-WAY 4th FL OUTSIDE APT 4G	4	Start 0002 Stop 0402	180	10	1800		<22.3
21		APT 4L LIVING ROOM	4	Start 0106 Stop 0406	180	10	1800		<22.3
22		APT 3G LIVING/Bed Room	4	Start 0110 Stop 0410	180	10	1800		<22.3
23		APT 3E LIVING Room	4	Start 0114 Stop 0414	180	10	1800		<22.3
24		APT 3N LIVING/Bed Room	4	Start 0118 Stop 0418	180	10	1800		<22.3

Code: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. JPL-PC A. Aggressive D. Dominant 1. Inside 2. Outside 3. Work Area 4. Stack Area 5. T. Type

Analyte

SP/TEM/ASHERA
☐ TEM Philadelphia

PCN NIOSH 7400

Time/round

☐ ASAP
☐ 2 Day (48hr)

☐ Same Day (1hr)

Relinquished

A. BLAKE

Date/Time

10.14.01

Received

Disposal By/Date

Date/Time

Analyst

ATTEM BY RLY

10.14.01

Disposal By/Date

Date/Time

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ATTEM BY RLY



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#5684

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA MANAGEMENT CORP Date: 10-13-01
 Sampled By: A. BLAKE Rotometer #: 0.01 Project #:
 Work Area: BUILDING 500 GATEWAY PLAZA, 375 SOUTH END AVE MANHATTAN 26RON CASE

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		T / l Volume	# Fibers /100 Fields	Results
			Start	Stop		Start	Stop			
25	HALL-WAY 3RD FLR OUTSIDE APT 3E	4	0122	0422	180	10	10	1800		Filter = 22.3
26	APT 3L LIVING/BEHRN	4	0126	0426	180	10	10	1800		<22.3
27	APT 2C BED ROOM	4	0132	0432	180	10	10	1800		<22.3
28	APT 2F BED ROOM 1	4	0136	0436	180	10	10	1800		<22.3
29	APT 2L LIVING ROOM	4	0140	0440	180	10	10	1800		<22.3
30	HALL-WAY 2ND FLR OUTSIDE APT 2L	4	0144	0444	180	10	10	1800		<22.3
31	APT 2D LIVING ROOM	4	0148	0448	180	10	10	1800		<22.3
32	BLANK									

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

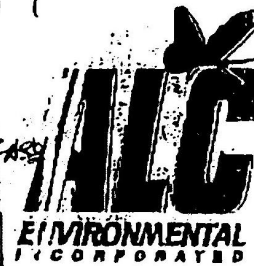
Analysis: ☒ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400 Turnaround: ☐ ABAP ☐ Same Day (1 hr)
☐ 2 Day (48 hr)

Relinquished: ATC-TEM By RRM 10/14/01 Received: Date/Time:
 Analyst: Disposal By/Date:

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

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The First Choice for Environmental Testing & Consulting

#5684

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA MANAGEMENT CORP Date: 10-13-01 Project #: 001
 Sampled By: R. BLAKE Rotometer #: 001
 Work Area: GATEWAY PLAZA BUILDING 500 - 375 SOUTH END AVE MANHATTAN

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Retalix #
			Start	Stop		Start	Stop			
33	APT 1 B LIVING	4	0455	0755	180	10	10	1800		<22.3
34	APT 1 S	4	0459	0759	180	10	10	1800		<22.3
35	APT 1 G	4	0504	0804	180	10	10	1800		<22.3
36	HALLWAY 1st FL OUTSIDE APT 1 G	4	0508	0808	180	10	10	1800		<22.3
37	APT 1 E LIVING	4	0512	0812	180	10	10	1800		<22.3
38	BLANK	/								

Code: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. Bulk/C
 Analysis: ☐ TEM/HERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400
 Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☐ Same Day (1hr)

Relinquished: ATE-TEM By RBY 10/14/01 Date/Time: 10/14/01
 Analyst: ATE-TEM By RBY 10/14/01 Disposal By/Date: 10/14/01

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 Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.9499 • 888.789.8378 • Fax: 215.732.9455

8. Certifications

8.1 Company License



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)

8.2 Personnel Certifications

MUST BE CARRIED ON ASBESTOS PROJECTS

PII	CERTIFICATE NUMBER	
	AP 01-03529	
	EXPIRES	
	SOCIAL SECURITY NUMBER	
	PII	
EYES	HAIR	
BRO	GRY	
WEIGHT	HEIGHT	
160 lbs.	5 ft 10 in	
176814C		

ADDRESS CORRESPONDENCE TO:
 (include certificate number)
 NYS Department of Labor
 OOSH - License and Certificate Unit
 PO Box 687, New York, NY 10014-0687

 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)



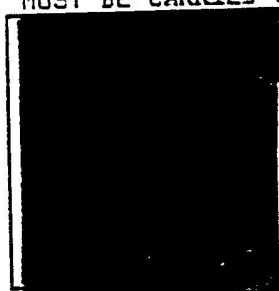
STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

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



CERTIFICATE NUMBER	
AH 89-07160	
EXPIRES	
SOCIAL SECURITY NUMBER	
PII	
EYES	HAIR
BRO	BRO
WEIGHT	HEIGHT
245 lbs.	5' 4 in.

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

1800690

DOSH-992 (01/91)

 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

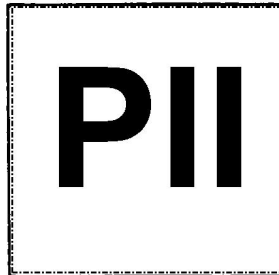
PII

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' 07"

151565C

MUST BE CARRIED ON ASBESTOS PROJECTS



CERTIFICATE NUMBER	
AH 95-21191	
EXPIRES	
SOCIAL SECURITY NUMBER	
PII	
EYES	HAIR
BRO	BRO
WEIGHT	HEIGHT
180 lbs.	5 ft. 08 in.

ADDRESS CORRESPONDENCE TO:
 (include certificate number)
 NYS Department of Labor
 OOSH - License and Certificate Unit
 PO Box 687, New York, NY 10014-0687

162517C



STATE OF NEW YORK
 DEPARTMENT OF LABOR
 DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
 AUTHORIZED CLASSES
 C - SAMPLING TECHNICIAN (12/01)
 H - PROJECT MONITOR (12/01)



RICHARD CUCOLO, Director - For the Commissioner of Labor
 OOSH-442 10014031

8.3 Laboratory Certifications

ANTONIA C. NOVELLO, M.D., M.P.H. Commissioner



Expires 12:01 AM April 1, 2004
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 Material
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)

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 LOWE
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:

Heavy Metals
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. Do not reproduce or alter in any way.

DOH-3317 (3/97)

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 LOWER	RANGE # 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 acceptability 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.

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 LOWER	RANGE # UPPER	LAB @ PERFORMANCE	Z & SCORE
Paint Chips (%)	1	0.0375	0.0366	0.0265	0.0467	A	0.20
	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 acceptability 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.

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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.
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 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.

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 LOWER	RANGE # 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 acceptability 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.

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 LOWER	RANGE # UPPER	LAB @ PERFORMANCE	Z & SCORE
Paint Chips (%)	1	1.0833	1.0578	0.864	1.2576	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 acceptability 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.

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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.



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.

Jeff Horton
D. Jeff Horton/CIH, PE, CSP
President, American Industrial Hygiene Association

Eric L. Bortnick
Eric L. Bortnick, Chair, Environmental
Lead Laboratory Accreditation Committee

Mark A. Puskar
Mark Puskar, Ph.D., Chair,
Analytical Accreditation Board

Appendix A: Letter to Tenants for Re-Occupation



The First Choice for Environmental Testing & Consulting

October 22, 2001

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

Subject: **Gateway Plaza Building #500**

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.

Eight (8) initial background air samples were collected and analyzed at building 500. Eight (8) were analyzed via phase contrast microscopy (PCM) and four (4) were analyzed via transmission electron microscopy (TEM). **After analysis via TEM, all were below the permissible limits.**

Based on EPA Guidelines, we collected forty-six (46) bulk samples and analyzed them via Polarized Light Microscopy (PLM) Methodology. **Zero (0)** were found to be above the regulatory limits

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 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.

Thirty-five (35) 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.**

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

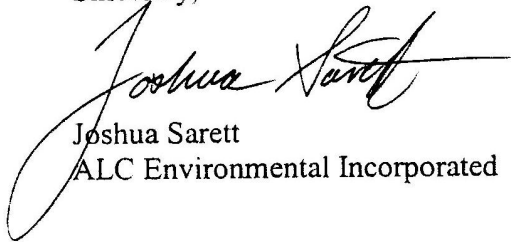
www.ALCEnvironmental.com

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