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October 17, 2001

Visual Assessment, Bulk Sampling & Air Monitoring Report:

Gateway Plaza Project: 375 South End Avenue
Building #400

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 17, 2001

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

Subject: Gateway Plaza Building #400

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 26, October 1-4, & October 7-11, 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."

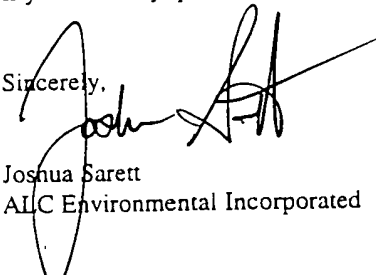
ALC is licensed to perform asbestos activities by the State of New York Department of Labor (License # 00-0358). ALC employs only certified asbestos personnel to perform required tasks. The following personnel were used to perform asbestos air monitoring and/or asbestos inspections.

Project Manager Inspector/Project Monitor: Americo Rodriguez Jr. (License #AH 89-07160)
Inspector: Alvin R. Blake (License #AH 00-08397)
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. If any areas were found to be positive after analysis, they were sent to another laboratory for further analysis and quality control. All confirmatory samples analyzed were found to be below the permissible limits for asbestos.

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 Alvin B. Blake, a licensed sampling technician (AH#01-03528) 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 (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.

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 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

Twelve (12) initial background air samples were collected and analyzed at building 400. Twelve (12) ~~samples~~ were analyzed via phase contrast microscopy (PCM) and two (2) were analyzed via Transmission Electron Microscopy (TEM). All were below the permissible limits.

Based on EPA Guidelines, we collected one hundred fifty-eight (158) bulk samples and analyzed them via Polarized Light Microscopy (PLM) Methodology. One (1) sample collected from one apartment was found to be slightly above the regulatory limits of 1%. Zero (0) were found to be above the regulatory limits upon further analysis at a second laboratory for quality control purposes. However, certified asbestos abatement contractors hired independently by the owner, were used to clean the specific apartment and the areas were cleared by ALC via TEM air 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.

One hundred seventy (170) 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



Practical
#6374

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Asbestos Air Sampling Data Form

Client: Mid-State Date: 9-26-01

Sampled By: 4. Kevin L. B. Jr. Project #: CASE: 2001-01

Work Area: 375 Southview Ave. Bldg: 400 - 10 various Apts -

Sample #	Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (U/cc)
				Start	Stop		Start	Stop			
1		Apt # <u>PI</u> Living Rm.	4	1030	1130	60	10.0	10.0	600	6/100	<0.008
2		Apt # <u>PI</u> Living Rm.	4	1031	1131	60	10.0	10.0	600	10/100	0.008
3		Apt # <u>PI</u> Living Rm.	4	1032	1132	60	10.0	10.0	600	7/100	<0.008
4		Apt # <u>PI</u> Living Rm.	4	1045	1145	60	10.0	10.0	600	4/100	<0.008
5		Apt # <u>PI</u> Living Rm.	4	1046	1146	60	10.0	10.0	600	7/100	<0.008
6		Apt # <u>PI</u> Living Rm.	4	1047	1147	60	10.0	10.0	600	11/100	0.009
7		Apt # <u>PI</u> Living Rm.	4	1300	1400	60	10.0	10.0	600	7/100	<0.008
8		Apt # <u>PI</u> Living Rm.	4	1301	1401	60	10.0	10.0	600	4/100	<0.008

Analysis: ☐ TEM/AMER/ ☒ TEM/Philadelphia

Relinquished: Kevin L. B. Jr. Date/Time: 9/26/01 2030

Analyst: Kevin L. B. Jr. Date/Time: 9/26/01 2030

Received: Kevin L. B. Jr. Date/Time: 9/26/01 1700

Disposal By/Date: Kevin L. B. Jr. 9/26/01 2030

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202

5569



Batch #6374

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Asbestos Air Sampling Data Form

Project #: 9-26-01

Date: 5/25/95

Client: Mid-State

Sampled By: A. Kocigoren Jr. Rotometer #: 1000 - Various Apts

Work Area: 375 Southern Ave. Bag 1000 - Various Apts

Sample #	Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
				Start	Stop		Start	Stop			
9		Apt 4 Living Rm.	4	1302	1402	60	10.0	10.0	600	3/100	<0.023
10		Apt 4 Living Rm.	4	1415	1515	60	10.0	10.0	600	10/100	0.023
11		Apt 4 Living Rm.	4	1416	1516	60	10.0	10.0	600	19/100	0.016
12		Apt 4 Living Rm.	4	1417	1517	60	10.0	10.0	600	28/100	0.023
13		Field Hanks								0/100	-
14		Field Hanks								0/100	-

Codes: 1. Pre-Test, 2. Project, 3. Final, 4. Investigative, 5. Personal, 6. Bulk Sample
 Analysis: ☐ TEM/AM/EDS, ☒ TEM/EDS, ☐ PCM NIOSH 7400
 Relinquished: [Signature], Date/Time: 02/26/01 15:00
 Analyzed: [Signature], Date/Time: 02/26/01 15:00

Received: 07/01/01, Date/Time: 02/26/01 15:00
 Disposal By/Date: J. E. M., 02/26/01 15:00
 111 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 • 888 769 9378 • Fax 215 732 9559
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 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 two PCM air samples from our Group No. 5569:

Client: Mid-State
 Project Name: 375 Southend Avenue
 Location: Apartments 3L and 3H, Building 400
 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
11	0.0%	100.0%	0.0
12	55.7%	44.3%	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.



104 East 25th Street
New York, New York 10010
www.vatc-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,

A handwritten signature in black ink, appearing to read 'Michael A. Gorycki'.

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

7.13 Bulk Sampling Results

ALC Environmental Inc.

3043



ALC ENVIRONMENTAL ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 4 / 01

PROJECT NAME: Mid-State

PROJECT ADDRESS: 375 South End Avenue - Bldg 400

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

Home Area	Sample #	Material	Sample Location... Description	Quantity	% Asbestos
1	# 1	Misc	H - livingrm - window		
	# 2		D - livingrm - window		
	# 3		E - livingrm - window		
	4		S - livingrm - window		
	5		S - Bedrm - window		
	6		A - livingrm - window		
	7		- livingrm - floor		
	8		11D - livingrm - window		
	9		A - livingrm - window		
	10		P11 - livingrm - floor		
	11		- livingrm - window		
	12		- livingrm - window		
	13		- livingrm - window		
	14		- livingrm - window		
	15		- livingrm - window		
	16		- livingrm - floor		
	17		- livingrm - window		
	18		- livingrm - floor		
	19		- livingrm - A/c unit		
	20		- livingrm - window		

Field Comments:

Relinquished by:

Date: 10-4-01

Received by:

Date: 10/05/01

Laboratory Name:

Melona Research

146 Plan (24

ALC Environmental Inc. # 3043



ALC ENVIRONMENTAL ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 4 / 01

PROJECT NAME: Mid-State

PROJECT ADDRESS: 375 Southern Ave. NYC - Bldg 400

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

Home Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	21	Misc	Bedrm, WS	.	
	22		Bedrm, WS		
	23		living rm, WS		
	24		living rm, WS		
	25		Bedrm, WS		
	26		living rm, WS		
	27		living rm, FLR		
	28		living rm, WS		
	29		living rm, FLR		
	30		living rm, WS		
	31		living rm, WS		
	32		living rm, WS		
	33		living rm, WS		
	34		living rm, FLR		
	35		living rm, FLR		
	36		living rm, WS		
	37		living rm, FLR		
	38		living rm, WS		
	39		living rm, WS		
	40		living rm, FLR		

PII

Field Comments:

Relinquished by: [Signature] Date: 10-4-01

Received by: [Signature] Date: 10/5/01

Laboratory Name: Yokum & Regan

DATE OF SAMPLING: 10 / 4 / 01

PROJECT ADDRESS:

PROJECT NAME: Mid-State
PROJECT ADDRESS: 375 Southward ave. NYC Bldg. 400

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

Field Comments:

Relinquished by:

Date: 10-4-01

Received by:

Date: 10/5/01

Laboratory Name:

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

NYC 9/11
CLAP 10/1/02

NYC 9/11
CLAP 10/1/02

Client / Project ALC/375 South End Ave / 610g 400 Project No
Analysis Date 10/05/01 Analyst Yleypa Batch No 3043

Field No. <u>01</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>Grey</u>	Texture <u>FA</u>	Homogeneity <u>Y</u>	Extinction <u>11</u>	Mineral Fiber <u>1.55L</u>	Chrysotile <u>70</u>	Cellulose <u>26</u>	Mineral Fiber <u>40</u>	Organic <u>0</u>
# of Layers <u>1</u>	Asbestos <u>Y</u>	Detected <u>Y</u>	RI II <u>1.55L</u>	Amosite <u>0</u>	Other <u>0</u>	Fiberglass <u>34</u>	Organic Binders <u>0</u>	Residue <u>0</u>
Color of Layer <u>1</u>	Yes <u>Y</u>	No <u>0</u>	Color Pico <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
Comments:			Sign <u>0</u>					
Method: <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>

Field No. <u>02</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>Grey</u>	Texture <u>FA</u>	Homogeneity <u>Y</u>	Extinction <u>11</u>	Mineral Fiber <u>1.55L</u>	Chrysotile <u>0.5</u>	Cellulose <u>305</u>	Mineral Fiber <u>38</u>	Organic <u>0</u>
# of Layers <u>1</u>	Asbestos <u>Y</u>	Detected <u>Y</u>	RI II <u>1.55L</u>	Amosite <u>0</u>	Other <u>0</u>	Fiberglass <u>31</u>	Organic Binders <u>0</u>	Residue <u>0</u>
Color of Layer <u>1</u>	Yes <u>Y</u>	No <u>0</u>	Color Pico <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
Comments:			Sign <u>0</u>					
Method: <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>

Field No. <u>03</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>Grey</u>	Texture <u>FA</u>	Homogeneity <u>Y</u>	Extinction <u>11</u>	Mineral Fiber <u>1.55L</u>	Chrysotile <u>70</u>	Cellulose <u>27</u>	Mineral Fiber <u>37</u>	Organic <u>0</u>
# of Layers <u>1</u>	Asbestos <u>Y</u>	Detected <u>Y</u>	RI II <u>1.55L</u>	Amosite <u>0</u>	Other <u>0</u>	Fiberglass <u>36</u>	Organic Binders <u>0</u>	Residue <u>0</u>
Color of Layer <u>1</u>	Yes <u>Y</u>	No <u>0</u>	Color Pico <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
Comments:			Sign <u>0</u>					
Method: <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>

Field No. <u>04</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>Grey</u>	Texture <u>FA</u>	Homogeneity <u>Y</u>	Extinction <u>11</u>	Mineral Fiber <u>1.55L</u>	Chrysotile <u>0.5</u>	Cellulose <u>27</u>	Mineral Fiber <u>40</u>	Organic <u>0</u>
# of Layers <u>1</u>	Asbestos <u>Y</u>	Detected <u>Y</u>	RI II <u>1.55L</u>	Amosite <u>0</u>	Other <u>0</u>	Fiberglass <u>32.5</u>	Organic Binders <u>0</u>	Residue <u>0</u>
Color of Layer <u>1</u>	Yes <u>Y</u>	No <u>0</u>	Color Pico <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
Comments:			Sign <u>0</u>					
Method: <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</u>	Y <u>Y</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

INXAP 10112
 ELAP 10079

Microscopic (OLYMPUS)

Client / Project ALC/375 South End Ave / 610g 40 Project No. 3043

Analysis Date 10/05/01 Analyst W. R. Ye Hatch No. 3043

1	Field No. <u>09</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
		Color <u>Grey</u>	Texture <u>Fin</u>	Morphology <u>W</u>	Extinction <u>11</u>	<u>0.25</u> Chrysotile	<u>88.75</u> Cellulose	<u>3.4</u> Mineral Fiber	Organic
		Homogeneity <u>Y</u>	Asbestos <u>Y</u>	RI <u>1.547</u>	RI <u>1.516</u>	Anatase	<u>3.7</u> Fiberglass	Organic Binders	Residue
		# of Layers	Detected <u>Y</u>	DS Color <u>Blue</u>	Color, Pico <u>CC</u>	Other	Other	Vermiculite	Carbonate
		Color of Layer	Yes <u>Y</u>	Blind	Sign <u>Y</u>			Other	Asbestos
		Comments:							
		Method: <u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>

2	Field No. <u>10</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
		Color <u>Grey</u>	Texture <u>Fin</u>	Morphology <u>W</u>	Extinction <u>11</u>	<u>0.25</u> Chrysotile	<u>88.75</u> Cellulose	<u>3.4</u> Mineral Fiber	Organic
		Homogeneity <u>Y</u>	Asbestos <u>Y</u>	RI <u>1.547</u>	RI <u>1.516</u>	Anatase	<u>3.7</u> Fiberglass	Organic Binders	Residue
		# of Layers	Detected <u>Y</u>	DS Color <u>Blue</u>	Color, Pico <u>CC</u>	Other	Other	Vermiculite	Carbonate
		Color of Layer	Yes <u>Y</u>	Blind	Sign <u>Y</u>			Other	Asbestos
		Comments:							
		Method: <u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>

3	Field No. <u>11</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
		Color <u>Grey</u>	Texture <u>Fin</u>	Morphology <u>W</u>	Extinction <u>11</u>	<u>0.25</u> Chrysotile	<u>88.75</u> Cellulose	<u>3.4</u> Mineral Fiber	Organic
		Homogeneity <u>Y</u>	Asbestos <u>Y</u>	RI <u>1.547</u>	RI <u>1.516</u>	Anatase	<u>3.7</u> Fiberglass	Organic Binders	Residue
		# of Layers	Detected <u>Y</u>	DS Color <u>Blue</u>	Color, Pico <u>CC</u>	Other	Other	Vermiculite	Carbonate
		Color of Layer	Yes <u>Y</u>	Blind	Sign <u>Y</u>			Other	Asbestos
		Comments:							
		Method: <u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>

4	Field No. <u>12</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
		Color <u>Grey</u>	Texture <u>Fin</u>	Morphology <u>W</u>	Extinction <u>11</u>	<u>0.25</u> Chrysotile	<u>88.75</u> Cellulose	<u>3.4</u> Mineral Fiber	Organic
		Homogeneity <u>Y</u>	Asbestos <u>Y</u>	RI <u>1.547</u>	RI <u>1.516</u>	Anatase	<u>3.7</u> Fiberglass	Organic Binders	Residue
		# of Layers	Detected <u>Y</u>	DS Color <u>Blue</u>	Color, Pico <u>CC</u>	Other	Other	Vermiculite	Carbonate
		Color of Layer	Yes <u>Y</u>	Blind	Sign <u>Y</u>			Other	Asbestos
		Comments:							
		Method: <u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>	<u>OLYMPUS</u>

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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INCLAP 10103

SLAP 10010

Microscope (H, P, R, E, L)

Client / Project ALC / 375 South End Ave / 610g, 40g Project No. 3043
 Analysis Date 10/05/01 Analyst Y. Rye Batch No. 3043

1	Field No. 13	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>Gray</u>	Texture <u>FW</u>	Morphology <u>RI</u>	Extinction <u>RI</u>	Chrysotile <u>70</u>	Cellulose <u>20</u>	Cellulose <u>40</u>	Mineral Fiber <u>39</u>	Organic <u>0</u>
	Homogeneity <u>SP</u>	Asbestos <u>SP</u>	US Color <u>0</u>	Color Pico <u>0</u>	Anatase <u>0</u>	Fiberglass <u>0</u>	Fiberglass <u>0</u>	Organic Blinders <u>0</u>	Residue <u>0</u>
	# of Layers <u>0</u>	Detected <u>Yes</u>	Blot <u>0</u>	Sign <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
	Color of Layer <u>0</u>	Detected <u>Yes</u>	Blot <u>0</u>	Sign <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Asbestos <u>0</u>
	Comments:								
	Method: <u>SP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

2	Field No. 14	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>Gray</u>	Texture <u>FW</u>	Morphology <u>RI</u>	Extinction <u>RI</u>	Chrysotile <u>70</u>	Cellulose <u>20</u>	Cellulose <u>40</u>	Mineral Fiber <u>40</u>	Organic <u>0</u>
	Homogeneity <u>SP</u>	Asbestos <u>SP</u>	US Color <u>0</u>	Color Pico <u>0</u>	Anatase <u>0</u>	Fiberglass <u>0</u>	Fiberglass <u>0</u>	Organic Blinders <u>0</u>	Residue <u>0</u>
	# of Layers <u>0</u>	Detected <u>Yes</u>	Blot <u>0</u>	Sign <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
	Color of Layer <u>0</u>	Detected <u>Yes</u>	Blot <u>0</u>	Sign <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Asbestos <u>0</u>
	Comments:								
	Method: <u>SP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

3	Field No. 15	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>Gray</u>	Texture <u>FW</u>	Morphology <u>RI</u>	Extinction <u>RI</u>	Chrysotile <u>70</u>	Cellulose <u>20</u>	Cellulose <u>40</u>	Mineral Fiber <u>39</u>	Organic <u>0</u>
	Homogeneity <u>SP</u>	Asbestos <u>SP</u>	US Color <u>0</u>	Color Pico <u>0</u>	Anatase <u>0</u>	Fiberglass <u>0</u>	Fiberglass <u>0</u>	Organic Blinders <u>0</u>	Residue <u>0</u>
	# of Layers <u>0</u>	Detected <u>Yes</u>	Blot <u>0</u>	Sign <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
	Color of Layer <u>0</u>	Detected <u>Yes</u>	Blot <u>0</u>	Sign <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Asbestos <u>0</u>
	Comments:								
	Method: <u>SP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

4	Field No. 16	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>Gray</u>	Texture <u>FW</u>	Morphology <u>RI</u>	Extinction <u>RI</u>	Chrysotile <u>70</u>	Cellulose <u>20</u>	Cellulose <u>40</u>	Mineral Fiber <u>40</u>	Organic <u>0</u>
	Homogeneity <u>SP</u>	Asbestos <u>SP</u>	US Color <u>0</u>	Color Pico <u>0</u>	Anatase <u>0</u>	Fiberglass <u>0</u>	Fiberglass <u>0</u>	Organic Blinders <u>0</u>	Residue <u>0</u>
	# of Layers <u>0</u>	Detected <u>Yes</u>	Blot <u>0</u>	Sign <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
	Color of Layer <u>0</u>	Detected <u>Yes</u>	Blot <u>0</u>	Sign <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Asbestos <u>0</u>
	Comments:								
	Method: <u>SP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

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INCLAP 10/18/7
21/10 10010

Microscopic OLIVE MILL

Client / Project ALC/375 South End Ave / 6106g 40 Grams N/A
 Analysis Date 10/05/01 Analyst pleye
 Batch No 3043

1	Field No. <u>17</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %		Other Fibrous %		Non Fibrous %		Gravimetric (HOB) Results %
		Color <u>Grey</u>	Texture <u>FA</u>	Morphology <u>1-5</u>	Extinction <u>1-5</u>	Chrysotile <u>100</u>		Cellulose <u>27</u>		Mineral Filler <u>34</u>		Organic
		Homogeneity <u>Y</u>	Asbestos <u>100</u>	RII <u>1-5</u>	RII <u>1-5</u>	Anatase <u>0</u>		Fiberglass <u>39</u>		Organic Binders <u>0</u>		Residue
		# of Layers <u>1</u>	Detected <u>Yes</u>	DS Color <u>100</u>	Color Pico <u>100</u>	Other <u>0</u>		Other <u>0</u>		Vermiculite <u>0</u>		Carbonate
		Color of Layer <u>Grey</u>	Detected <u>Yes</u>	Bleed <u>0</u>	Sign <u>0</u>					Other <u>0</u>		Other
		Comments:										Asbestos
		Method: <u>10/05/01</u>										

2	Field No. <u>18</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %		Other Fibrous %		Non Fibrous %		Gravimetric (HOB) Results %
		Color <u>Grey</u>	Texture <u>FA</u>	Morphology <u>1-5</u>	Extinction <u>1-5</u>	Chrysotile <u>100</u>		Cellulose <u>27</u>		Mineral Filler <u>35</u>		Organic
		Homogeneity <u>Y</u>	Asbestos <u>100</u>	RII <u>1-5</u>	RII <u>1-5</u>	Anatase <u>0</u>		Fiberglass <u>39</u>		Organic Binders <u>0</u>		Residue
		# of Layers <u>1</u>	Detected <u>Yes</u>	DS Color <u>100</u>	Color Pico <u>100</u>	Other <u>0</u>		Other <u>0</u>		Vermiculite <u>0</u>		Carbonate
		Color of Layer <u>Grey</u>	Detected <u>Yes</u>	Bleed <u>0</u>	Sign <u>0</u>					Other <u>0</u>		Other
		Comments:										Asbestos
		Method: <u>10/05/01</u>										

3	Field No. <u>19</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %		Other Fibrous %		Non Fibrous %		Gravimetric (HOB) Results %
		Color <u>Grey</u>	Texture <u>FA</u>	Morphology <u>1-5</u>	Extinction <u>1-5</u>	Chrysotile <u>100</u>		Cellulose <u>27</u>		Mineral Filler <u>33</u>		Organic
		Homogeneity <u>Y</u>	Asbestos <u>100</u>	RII <u>1-5</u>	RII <u>1-5</u>	Anatase <u>0</u>		Fiberglass <u>40</u>		Organic Binders <u>0</u>		Residue
		# of Layers <u>1</u>	Detected <u>Yes</u>	DS Color <u>100</u>	Color Pico <u>100</u>	Other <u>0</u>		Other <u>0</u>		Vermiculite <u>0</u>		Carbonate
		Color of Layer <u>Grey</u>	Detected <u>Yes</u>	Bleed <u>0</u>	Sign <u>0</u>					Other <u>0</u>		Other
		Comments:										Asbestos
		Method: <u>10/05/01</u>										

4	Field No. <u>20</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %		Other Fibrous %		Non Fibrous %		Gravimetric (HOB) Results %
		Color <u>Grey</u>	Texture <u>FA</u>	Morphology <u>1-5</u>	Extinction <u>1-5</u>	Chrysotile <u>100</u>		Cellulose <u>27</u>		Mineral Filler <u>33</u>		Organic
		Homogeneity <u>Y</u>	Asbestos <u>100</u>	RII <u>1-5</u>	RII <u>1-5</u>	Anatase <u>0</u>		Fiberglass <u>40</u>		Organic Binders <u>0</u>		Residue
		# of Layers <u>1</u>	Detected <u>Yes</u>	DS Color <u>100</u>	Color Pico <u>100</u>	Other <u>0</u>		Other <u>0</u>		Vermiculite <u>0</u>		Carbonate
		Color of Layer <u>Grey</u>	Detected <u>Yes</u>	Bleed <u>0</u>	Sign <u>0</u>					Other <u>0</u>		Other
		Comments:										Asbestos
		Method: <u>10/05/01</u>										

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JWCLAP 10/18/97
 CLAP 10/27/97

Microscopic ULAP 01/17

Client / Project Alc/375 South End Ave/610g. 40 Project No
 Analysis Date 10/05/01 Analyst Preye Batch No 3043

Field No.	Gravimetric (HOB) Required	Recommeneded	Gravimetric (HOB) PLEP	Gravimetric (HOB) TELL	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
21	☐	☒	☐	☐	Color <u>Grey</u> Homogeneity <u>Y</u> # of layers <u>1</u> Color of layer <u>Grey</u> Comments:	Morphology <u>W</u> RI <u>1.549</u> DS Color <u>Blue</u> Extinction RI <u>1.556</u> Color Pico <u>ce</u> Sign <u>p</u>	Chrysotile <u>0.75</u> Amphibole <u>0</u> Other <u>0</u>	Cellulose <u>30.25</u> Fiberglass <u>38</u> Other <u>0</u>	Mineral Fiber <u>31</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Organic <u>0</u> Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
22	☐	☒	☐	☐	Color <u>Grey</u> Homogeneity <u>Y</u> # of layers <u>1</u> Color of layer <u>Grey</u> Comments:	Morphology <u>W</u> RI <u>1.549</u> DS Color <u>Blue</u> Extinction RI <u>1.556</u> Color Pico <u>ce</u> Sign <u>p</u>	Chrysotile <u>0.75</u> Amphibole <u>0</u> Other <u>0</u>	Cellulose <u>30.25</u> Fiberglass <u>38</u> Other <u>0</u>	Mineral Fiber <u>32</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Organic <u>0</u> Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
23	☐	☒	☐	☐	Color <u>Grey</u> Homogeneity <u>Y</u> # of layers <u>1</u> Color of layer <u>Grey</u> Comments:	Morphology <u>W</u> RI <u>1.549</u> DS Color <u>Blue</u> Extinction RI <u>1.556</u> Color Pico <u>ce</u> Sign <u>p</u>	Chrysotile <u>0.75</u> Amphibole <u>0</u> Other <u>0</u>	Cellulose <u>30.25</u> Fiberglass <u>38</u> Other <u>0</u>	Mineral Fiber <u>30</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Organic <u>0</u> Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>
24	☐	☒	☐	☐	Color <u>Grey</u> Homogeneity <u>Y</u> # of layers <u>1</u> Color of layer <u>Grey</u> Comments:	Morphology <u>W</u> RI <u>1.549</u> DS Color <u>Blue</u> Extinction RI <u>1.556</u> Color Pico <u>ce</u> Sign <u>p</u>	Chrysotile <u>0.75</u> Amphibole <u>0</u> Other <u>0</u>	Cellulose <u>30.25</u> Fiberglass <u>38</u> Other <u>0</u>	Mineral Fiber <u>31</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other <u>0</u>	Organic <u>0</u> Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos <u>0</u>

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NYLAP 101807
 ELAP 10379

Micrograph - OLYMPUS 11

Client / Project ALC/375 South End Ave / block 40 Project No
 Analysis Date 10/05/01 Analyst Ypleye Batch No 3043

Field No.	Gravimetric (HOB) Required	Gravimetric (HOB) Recommended	Gravimetric (HOB) PHEP	Gravimetric (HOB) PLM	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
25	☐	☒	☐	☐	Color <u>Grey</u> Homogeneity <u>Y</u> # of layers <u>1</u> Color of layer <u>---</u> Comments:	Morphology <u>---</u> RI <u>---</u> DS Color <u>---</u> Biref <u>---</u> Extinction <u>---</u> RI II <u>---</u> Color, Pheo <u>---</u> Sign <u>---</u>	Chrysotile <u>---</u> Amosite <u>---</u> Other <u>---</u>	Cellulose <u>---</u> Fiberglass <u>---</u> Other <u>---</u>	Mineral Filler <u>---</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>
26	☐	☒	☐	☐	Color <u>Grey</u> Homogeneity <u>Y</u> # of layers <u>1</u> Color of layer <u>---</u> Comments:	Morphology <u>---</u> RI <u>---</u> DS Color <u>---</u> Biref <u>---</u> Extinction <u>---</u> RI II <u>---</u> Color, Pheo <u>---</u> Sign <u>---</u>	Chrysotile <u>---</u> Amosite <u>---</u> Other <u>---</u>	Cellulose <u>---</u> Fiberglass <u>---</u> Other <u>---</u>	Mineral Filler <u>---</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>
27	☐	☒	☐	☐	Color <u>Grey</u> Homogeneity <u>Y</u> # of layers <u>1</u> Color of layer <u>---</u> Comments:	Morphology <u>---</u> RI <u>---</u> DS Color <u>---</u> Biref <u>---</u> Extinction <u>---</u> RI II <u>---</u> Color, Pheo <u>---</u> Sign <u>---</u>	Chrysotile <u>---</u> Amosite <u>---</u> Other <u>---</u>	Cellulose <u>---</u> Fiberglass <u>---</u> Other <u>---</u>	Mineral Filler <u>---</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>
28	☐	☒	☐	☐	Color <u>Grey</u> Homogeneity <u>Y</u> # of layers <u>1</u> Color of layer <u>---</u> Comments:	Morphology <u>---</u> RI <u>---</u> DS Color <u>---</u> Biref <u>---</u> Extinction <u>---</u> RI II <u>---</u> Color, Pheo <u>---</u> Sign <u>---</u>	Chrysotile <u>---</u> Amosite <u>---</u> Other <u>---</u>	Cellulose <u>---</u> Fiberglass <u>---</u> Other <u>---</u>	Mineral Filler <u>---</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>

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor, New York, NY 10010 Phone (212) 353-0700 FAX (212) 353-3509 or 8306

NYLAP 101187
ELAP 10010

NYC 9/11 Public Portal Document

Client / Project Alc/375 South End Ave/Block 400 Project No 3043
 Analysis Date 10/05/01 Analyst Alc/375

Field No. <u>29</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>Grey</u>	Texture <u>FR</u>	Morphology <u>1.549</u>	Extinction <u>1.549</u>	Chrysotile <u>FR</u>	Cellulose <u>20</u>	Mineral Fiber <u>40</u>	Organic Binders <u>40</u>	Organic Residue <u>40</u>
Homogeneity <u>40</u>	Asbestos <u>FR</u>	RI <u>1.549</u>	Color Plot <u>FR</u>	Amosite <u>FR</u>	Fiberglass <u>40</u>	Vermiculite <u>40</u>	Carbonate <u>40</u>	Other <u>40</u>
# of Layers <u>40</u>	Detected <u>FR</u>	DS Color <u>FR</u>	Sign <u>FR</u>	Other <u>FR</u>	Other <u>40</u>	Other <u>40</u>	Other <u>40</u>	Asbestos <u>40</u>
Color of Layer <u>40</u>	Yes <u>FR</u>	Bluel <u>FR</u>	Sign <u>FR</u>	Other <u>FR</u>	Other <u>40</u>	Other <u>40</u>	Other <u>40</u>	Asbestos <u>40</u>
Comments:								
Method: ☒ 10x ☐ 20x ☐ 40x ☐ 60x ☐ 80x ☐ 100x	Scanning Electron Microscopy (SEM) - 0							

Field No. <u>30</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>Grey</u>	Texture <u>FR</u>	Morphology <u>1.549</u>	Extinction <u>1.549</u>	Chrysotile <u>FR</u>	Cellulose <u>20</u>	Mineral Fiber <u>40</u>	Organic Binders <u>40</u>	Organic Residue <u>40</u>
Homogeneity <u>40</u>	Asbestos <u>FR</u>	RI <u>1.549</u>	Color Plot <u>FR</u>	Amosite <u>FR</u>	Fiberglass <u>40</u>	Vermiculite <u>40</u>	Carbonate <u>40</u>	Other <u>40</u>
# of Layers <u>40</u>	Detected <u>FR</u>	DS Color <u>FR</u>	Sign <u>FR</u>	Other <u>FR</u>	Other <u>40</u>	Other <u>40</u>	Other <u>40</u>	Asbestos <u>40</u>
Color of Layer <u>40</u>	Yes <u>FR</u>	Bluel <u>FR</u>	Sign <u>FR</u>	Other <u>FR</u>	Other <u>40</u>	Other <u>40</u>	Other <u>40</u>	Asbestos <u>40</u>
Comments:								
Method: ☒ 10x ☐ 20x ☐ 40x ☐ 60x ☐ 80x ☐ 100x	Scanning Electron Microscopy (SEM) - 0							

Field No. <u>31</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>Grey</u>	Texture <u>FR</u>	Morphology <u>1.549</u>	Extinction <u>1.549</u>	Chrysotile <u>FR</u>	Cellulose <u>20</u>	Mineral Fiber <u>40</u>	Organic Binders <u>40</u>	Organic Residue <u>40</u>
Homogeneity <u>40</u>	Asbestos <u>FR</u>	RI <u>1.549</u>	Color Plot <u>FR</u>	Amosite <u>FR</u>	Fiberglass <u>40</u>	Vermiculite <u>40</u>	Carbonate <u>40</u>	Other <u>40</u>
# of Layers <u>40</u>	Detected <u>FR</u>	DS Color <u>FR</u>	Sign <u>FR</u>	Other <u>FR</u>	Other <u>40</u>	Other <u>40</u>	Other <u>40</u>	Asbestos <u>40</u>
Color of Layer <u>40</u>	Yes <u>FR</u>	Bluel <u>FR</u>	Sign <u>FR</u>	Other <u>FR</u>	Other <u>40</u>	Other <u>40</u>	Other <u>40</u>	Asbestos <u>40</u>
Comments:								
Method: ☒ 10x ☐ 20x ☐ 40x ☐ 60x ☐ 80x ☐ 100x	Scanning Electron Microscopy (SEM) - 0							

Field No. <u>32</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>Grey</u>	Texture <u>FR</u>	Morphology <u>1.549</u>	Extinction <u>1.549</u>	Chrysotile <u>FR</u>	Cellulose <u>20</u>	Mineral Fiber <u>40</u>	Organic Binders <u>40</u>	Organic Residue <u>40</u>
Homogeneity <u>40</u>	Asbestos <u>FR</u>	RI <u>1.549</u>	Color Plot <u>FR</u>	Amosite <u>FR</u>	Fiberglass <u>40</u>	Vermiculite <u>40</u>	Carbonate <u>40</u>	Other <u>40</u>
# of Layers <u>40</u>	Detected <u>FR</u>	DS Color <u>FR</u>	Sign <u>FR</u>	Other <u>FR</u>	Other <u>40</u>	Other <u>40</u>	Other <u>40</u>	Asbestos <u>40</u>
Color of Layer <u>40</u>	Yes <u>FR</u>	Bluel <u>FR</u>	Sign <u>FR</u>	Other <u>FR</u>	Other <u>40</u>	Other <u>40</u>	Other <u>40</u>	Asbestos <u>40</u>
Comments:								
Method: ☒ 10x ☐ 20x ☐ 40x ☐ 60x ☐ 80x ☐ 100x	Scanning Electron Microscopy (SEM) - 0							

101101
10010

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

1114 East 25th Street, 10th Floor, New York, NY 10010. Phone (212) 353-8200, FAX (212) 353-3599 or 8106

1980

Client / Project	Alc/375 South End Ave/6/6/06	Project No	40
Analysts Date	10/05/01	Batch No	3043

Field No.	Field No.	Field No.	Field No.
1 Field No. 37 Gravimetric (HOB) ☐ Residue ☐ Carbonate ☐ Other ☐ Asbestos ☐ Gravimetric (HOB) ☐ Residue ☐ Carbonate ☐ Other ☐ Asbestos ☐	2 Field No. 38 Gravimetric (HOB) ☐ Residue ☐ Carbonate ☐ Other ☐ Asbestos ☐ Gravimetric (HOB) ☐ Residue ☐ Carbonate ☐ Other ☐ Asbestos ☐	3 Field No. 39 Gravimetric (HOB) ☐ Residue ☐ Carbonate ☐ Other ☐ Asbestos ☐ Gravimetric (HOB) ☐ Residue ☐ Carbonate ☐ Other ☐ Asbestos ☐	4 Field No. 40 Gravimetric (HOB) ☐ Residue ☐ Carbonate ☐ Other ☐ Asbestos ☐ Gravimetric (HOB) ☐ Residue ☐ Carbonate ☐ Other ☐ Asbestos ☐

NVIAP 101111
 ELAP 10070

104 East 25th Street 10th Floor New York NY 10009

Phone (212) 353 - 8280, FAX (212) 353 - 3539 or 8306

Customer

Client / Project	Acc/375 South End Ave / 610g	Project No	3043
Analysis Date	10/05/01	Analyst	YRape

Analysis Date 10/05/01 Analyst

Hatch W

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
1	Color: <u>Gray</u> Homogeneity: <u>Yes</u> # of Layers: <u>1</u> Color of Layer: <u>Gray</u> Color of Layer: <u>Gray</u> Comments:	Morphology: <u>W</u> RI: <u>1.549</u> DS Color: <u>W</u> Biref: <u>W</u> Extinction: <u>RI</u> RI: <u>1.556</u> Color, Pleo: <u>W</u> Sign: <u>+</u>	Asbestos Results PLM %: <u>76</u> Chrysotile <u>0</u> Amphibole <u>0</u> Other	Other Fibrous %: <u>31</u> Cellulose <u>30</u> Fiberglass <u>0</u> Other	Non Fibrous %: <u>39</u> Mineral Fiber <u>0</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other	Gravimetric (HOB) Results %: <u>0</u> Organic <u>0</u> Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos
2	Color: <u>Gray</u> Homogeneity: <u>Yes</u> # of Layers: <u>1</u> Color of Layer: <u>Gray</u> Color of Layer: <u>Gray</u> Comments:	Morphology: <u>W</u> RI: <u>1.549</u> DS Color: <u>W</u> Biref: <u>W</u> Extinction: <u>RI</u> RI: <u>1.556</u> Color, Pleo: <u>W</u> Sign: <u>+</u>	Asbestos Results PLM %: <u>76</u> Chrysotile <u>0</u> Amphibole <u>0</u> Other	Other Fibrous %: <u>31</u> Cellulose <u>30</u> Fiberglass <u>0</u> Other	Non Fibrous %: <u>39</u> Mineral Fiber <u>0</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other	Gravimetric (HOB) Results %: <u>0</u> Organic <u>0</u> Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos
3	Color: <u>Gray</u> Homogeneity: <u>Yes</u> # of Layers: <u>1</u> Color of Layer: <u>Gray</u> Color of Layer: <u>Gray</u> Comments:	Morphology: <u>W</u> RI: <u>1.549</u> DS Color: <u>W</u> Biref: <u>W</u> Extinction: <u>RI</u> RI: <u>1.556</u> Color, Pleo: <u>W</u> Sign: <u>+</u>	Asbestos Results PLM %: <u>76</u> Chrysotile <u>0</u> Amphibole <u>0</u> Other	Other Fibrous %: <u>31</u> Cellulose <u>30</u> Fiberglass <u>0</u> Other	Non Fibrous %: <u>39</u> Mineral Fiber <u>0</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other	Gravimetric (HOB) Results %: <u>0</u> Organic <u>0</u> Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos
4	Color: <u>Gray</u> Homogeneity: <u>Yes</u> # of Layers: <u>1</u> Color of Layer: <u>Gray</u> Color of Layer: <u>Gray</u> Comments:	Morphology: <u>W</u> RI: <u>1.549</u> DS Color: <u>W</u> Biref: <u>W</u> Extinction: <u>RI</u> RI: <u>1.556</u> Color, Pleo: <u>W</u> Sign: <u>+</u>	Asbestos Results PLM %: <u>76</u> Chrysotile <u>0</u> Amphibole <u>0</u> Other	Other Fibrous %: <u>31</u> Cellulose <u>30</u> Fiberglass <u>0</u> Other	Non Fibrous %: <u>39</u> Mineral Fiber <u>0</u> Organic Binders <u>0</u> Vermiculite <u>0</u> Other	Gravimetric (HOB) Results %: <u>0</u> Organic <u>0</u> Residue <u>0</u> Carbonate <u>0</u> Other <u>0</u> Asbestos

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 104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353-8780, FAX (212) 353-3590 or 8106

NYLAP 101181
 ELAP 10118

Microscopic Analysis

Client / Project Alc/325 South End Ave / 6106g 400 Project No
 Analysis Date 10/05/01 Analyst YK/ep Batch No 3043

1 Field No. 46	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>Grey</u>	Texture <u>FR</u>	Morphology <u>W</u>	Extinction RI II <u>1.53</u>				
	Homogeneity <u>Y</u>	Asbestos <u>FR</u>	RI I <u>1.53</u>	Color Pico <u>FR</u>	Amosite <u>FR</u>	Fiberglass <u>FR</u>	Organic Binders <u>FR</u>	Other <u>FR</u>
	Color of Layer <u>FR</u>	Defected Yes <u>FR</u>	DS Color <u>FR</u>	Sign <u>FR</u>	Other <u>FR</u>	Other <u>FR</u>	Other <u>FR</u>	Asbestos <u>FR</u>
Method: ☒ 100x ☐ 200x ☐ 400x ☐ 600x ☐ 800x ☐ 1000x ☐ 1500x ☐ 2000x ☐ 3000x ☐ 4000x ☐ 5000x ☐ 6000x ☐ 7000x ☐ 8000x ☐ 9000x ☐ 10000x								

2 Field No. 46	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>Grey</u>	Texture <u>FR</u>	Morphology <u>W</u>	Extinction RI II <u>1.53</u>				
	Homogeneity <u>Y</u>	Asbestos <u>FR</u>	RI I <u>1.53</u>	Color Pico <u>FR</u>	Amosite <u>FR</u>	Fiberglass <u>FR</u>	Organic Binders <u>FR</u>	Other <u>FR</u>
	Color of Layer <u>FR</u>	Defected Yes <u>FR</u>	DS Color <u>FR</u>	Sign <u>FR</u>	Other <u>FR</u>	Other <u>FR</u>	Other <u>FR</u>	Asbestos <u>FR</u>
Method: ☒ 100x ☐ 200x ☐ 400x ☐ 600x ☐ 800x ☐ 1000x ☐ 1500x ☐ 2000x ☐ 3000x ☐ 4000x ☐ 5000x ☐ 6000x ☐ 7000x ☐ 8000x ☐ 9000x ☐ 10000x								

3 Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>Grey</u>	Texture <u>FR</u>	Morphology <u>W</u>	Extinction RI II <u>1.53</u>				
	Homogeneity <u>Y</u>	Asbestos <u>FR</u>	RI I <u>1.53</u>	Color Pico <u>FR</u>	Amosite <u>FR</u>	Fiberglass <u>FR</u>	Organic Binders <u>FR</u>	Other <u>FR</u>
	Color of Layer <u>FR</u>	Defected Yes <u>FR</u>	DS Color <u>FR</u>	Sign <u>FR</u>	Other <u>FR</u>	Other <u>FR</u>	Other <u>FR</u>	Asbestos <u>FR</u>
Method: ☒ 100x ☐ 200x ☐ 400x ☐ 600x ☐ 800x ☐ 1000x ☐ 1500x ☐ 2000x ☐ 3000x ☐ 4000x ☐ 5000x ☐ 6000x ☐ 7000x ☐ 8000x ☐ 9000x ☐ 10000x								

4 Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>Grey</u>	Texture <u>FR</u>	Morphology <u>W</u>	Extinction RI II <u>1.53</u>				
	Homogeneity <u>Y</u>	Asbestos <u>FR</u>	RI I <u>1.53</u>	Color Pico <u>FR</u>	Amosite <u>FR</u>	Fiberglass <u>FR</u>	Organic Binders <u>FR</u>	Other <u>FR</u>
	Color of Layer <u>FR</u>	Defected Yes <u>FR</u>	DS Color <u>FR</u>	Sign <u>FR</u>	Other <u>FR</u>	Other <u>FR</u>	Other <u>FR</u>	Asbestos <u>FR</u>
Method: ☒ 100x ☐ 200x ☐ 400x ☐ 600x ☐ 800x ☐ 1000x ☐ 1500x ☐ 2000x ☐ 3000x ☐ 4000x ☐ 5000x ☐ 6000x ☐ 7000x ☐ 8000x ☐ 9000x ☐ 10000x								

ALC Environmental Inc. *BATCH # 3037*



ALC ENVIRONMENTAL ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10, 03, 01

PROJECT NAME: Lefrak Organization

PROJECT ADDRESS: Building 400 375 South End Avenue

TURN AROUND TIME 2hr ☐ 5hr ☐ 12hr ☐ 24hr ☒ 72hr ☐ Other ☐

Home Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	1	Misc	E. Bedrm 1 window		
	2		Bedrm 1 window		
	3		Livingrm window		
	4		Bedrm window		
	5		Livingrm window		
	6		Bedrm window		
	7		Livingrm window		
	8		0 sample		
	9		Livingrm window		
	10		Bedrm window		
	11		Bedrm floor		
	12		Window		
	13		Livingrm window		
	14		Bedrm window		
	15		Livingrm window		
	16		Livingrm window		
	17		Bedrm window		
	18		Livingrm window		
	19		Bedrm floor		
	20				

P11

Field Comments:

Relinquished by: A.R. Blake Date: 10-03-01

Received by: E.A. Coates Date: 10/03/01 2030

Laboratory Name: Yolena Peregianova

20 plm

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

INSTR 101122
 CLAP 10112
 Microscope OL 1P 811

Client / Project AIC Env. / HERRAX ORO, Bldg 400, 375 Sullivan Ave, Project No

Analysis Date 10/4/01 Analyst Uffey Batch No 3037

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrils %	Non Fibrils %	Gravimetric (HOB) Results %
1	Color <u>Grey</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>Grey</u> Detected <u>Yes</u> Comments:	Morphology <u>W</u> RI <u>1.548</u> DS Color <u>Grey</u> Biref <u>Y</u> Extinction <u>RI // 1.548</u> Color Plot <u>Y</u> Sign <u>Y</u>	Chrysotile <u>51%</u> Amosite <u>0%</u> Other <u>0%</u>	Cellulose <u>13%</u> Fiberglass <u>40%</u> Other <u>0%</u>	Mineral Fiber <u>47%</u> Organic Binders <u>0%</u> Vermiculite <u>0%</u> Other <u>0%</u>	Organic <u>0%</u> Residue <u>0%</u> Carbonate <u>0%</u> Other <u>0%</u> Asbestos <u>47%</u>
2	Color <u>Grey</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>Grey</u> Detected <u>Yes</u> Comments:	Morphology <u>W</u> RI <u>1.536</u> DS Color <u>Grey</u> Biref <u>Y</u> Extinction <u>RI // 1.536</u> Color Plot <u>Y</u> Sign <u>Y</u>	Chrysotile <u>71%</u> Amosite <u>0%</u> Other <u>0%</u>	Cellulose <u>10%</u> Fiberglass <u>44%</u> Other <u>0%</u>	Mineral Fiber <u>46%</u> Organic Binders <u>0%</u> Vermiculite <u>0%</u> Other <u>0%</u>	Organic <u>0%</u> Residue <u>0%</u> Carbonate <u>0%</u> Other <u>0%</u> Asbestos <u>46%</u>
3	Color <u>Grey</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>Grey</u> Detected <u>Yes</u> Comments:	Morphology <u>W</u> RI <u>1.527</u> DS Color <u>Grey</u> Biref <u>Y</u> Extinction <u>RI // 1.527</u> Color Plot <u>Y</u> Sign <u>Y</u>	Chrysotile <u>1%</u> Amosite <u>0%</u> Other <u>0%</u>	Cellulose <u>12%</u> Fiberglass <u>38%</u> Other <u>0%</u>	Mineral Fiber <u>50%</u> Organic Binders <u>0%</u> Vermiculite <u>0%</u> Other <u>0%</u>	Organic <u>0%</u> Residue <u>0%</u> Carbonate <u>0%</u> Other <u>0%</u> Asbestos <u>50%</u>
4	Color <u>Grey</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>Grey</u> Detected <u>Yes</u> Comments:	Morphology <u>W</u> RI <u>1.508</u> DS Color <u>Grey</u> Biref <u>Y</u> Extinction <u>RI // 1.508</u> Color Plot <u>Y</u> Sign <u>Y</u>	Chrysotile <u>0.5%</u> Amosite <u>0%</u> Other <u>0%</u>	Cellulose <u>12.5%</u> Fiberglass <u>37%</u> Other <u>0%</u>	Mineral Fiber <u>50%</u> Organic Binders <u>0%</u> Vermiculite <u>0%</u> Other <u>0%</u>	Organic <u>0%</u> Residue <u>0%</u> Carbonate <u>0%</u> Other <u>0%</u> Asbestos <u>50%</u>

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104 East 25th Street, 10th Floor, New York, NY 10010 Phone (212) 353-8260, FAX (212) 353-3599 or 8106

DATE: 10/14/01
BY: [Signature]

Microscopic (POM) 1

Client / Project: ATC Env. Services Inc. Bldg 400, 375 So. 4th St, Project No.

Analysis Date: 10/14/01 Analyst: C. Repp Batch No: 3037

Field No	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
05	Color: <u>Grey</u> Homogeneity: <u>Y</u> # of Layers: <u>1</u> Color of Layer: <u>Grey</u> Detected: <u>Yes</u> Comments: <u>Asbestos</u>	Morphology: <u>W</u> RI: <u>1.528</u> DS Color: <u>W</u> Birefringence: <u>W</u> Sign: <u>+</u>	Chrysotile: <u>0.5</u> Amosite: <u>1.537</u> Other: <u>0.0</u>	Chrysotile: <u>13.5</u> Fibrous: <u>44</u> Other: <u>0.0</u>	Chrysotile: <u>92</u> Fibrous: <u>0</u> Other: <u>0.0</u>	Chrysotile: <u>92</u> Fibrous: <u>0</u> Other: <u>0.0</u>
06	Color: <u>Grey</u> Homogeneity: <u>Y</u> # of Layers: <u>1</u> Color of Layer: <u>Grey</u> Detected: <u>Yes</u> Comments: <u>Asbestos</u>	Morphology: <u>W</u> RI: <u>1.528</u> DS Color: <u>W</u> Birefringence: <u>W</u> Sign: <u>+</u>	Chrysotile: <u>0.5</u> Amosite: <u>1.537</u> Other: <u>0.0</u>	Chrysotile: <u>10.8</u> Fibrous: <u>3.0</u> Other: <u>0.0</u>	Chrysotile: <u>5.1</u> Fibrous: <u>0</u> Other: <u>0.0</u>	Chrysotile: <u>5.1</u> Fibrous: <u>0</u> Other: <u>0.0</u>
07	Color: <u>Grey</u> Homogeneity: <u>Y</u> # of Layers: <u>1</u> Color of Layer: <u>Grey</u> Detected: <u>Yes</u> Comments: <u>Asbestos</u>	Morphology: <u>W</u> RI: <u>1.528</u> DS Color: <u>W</u> Birefringence: <u>W</u> Sign: <u>+</u>	Chrysotile: <u>0.5</u> Amosite: <u>1.537</u> Other: <u>0.0</u>	Chrysotile: <u>12.35</u> Fibrous: <u>3.4</u> Other: <u>0.0</u>	Chrysotile: <u>5.3</u> Fibrous: <u>0</u> Other: <u>0.0</u>	Chrysotile: <u>5.3</u> Fibrous: <u>0</u> Other: <u>0.0</u>
08	Color: <u>Grey</u> Homogeneity: <u>Y</u> # of Layers: <u>1</u> Color of Layer: <u>Grey</u> Detected: <u>Yes</u> Comments: <u>Asbestos</u>	Morphology: <u>W</u> RI: <u>1.528</u> DS Color: <u>W</u> Birefringence: <u>W</u> Sign: <u>+</u>	Chrysotile: <u>0.5</u> Amosite: <u>1.537</u> Other: <u>0.0</u>	Chrysotile: <u>12.35</u> Fibrous: <u>3.4</u> Other: <u>0.0</u>	Chrysotile: <u>5.3</u> Fibrous: <u>0</u> Other: <u>0.0</u>	Chrysotile: <u>5.3</u> Fibrous: <u>0</u> Other: <u>0.0</u>

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor, New York, NY 10010 Phone (212) 353 8290, FAX (212) 353 1594 or 800

Microscopic Only B101

Client / Project ATC Env / Verano, Cae, Dipa 400, 325 Seville, 1100 Project 110
 Analysis Date 10/04/01 Analyst Y. Reye Batch No 3037

Field No <u>09</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %		Fibrous %		Non Fibrous %		Gravimetric (HOB) Results %	
Color <u>Grey</u>	Texture <u>BN</u>	Morphology <u>W</u>	Extinction <u>11</u>	RI <u>1.55</u>	Chrysotile <u>11</u>	Amosite <u>155</u>	Other <u>0</u>	Cellulose <u>13</u>	Mineral Fiber <u>46</u>	Organic Binders <u>0</u>	Organic <u>0</u>	Asbestos <u>0</u>
Homogeneity <u>Y</u>	Asbestos <u>Y</u>	DS Color <u>182</u>	RI <u>1.55</u>	Color Photo <u>0</u>	Sign <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>
Color of Layer <u>Y</u>	Detected <u>Y</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>
Comments:												
Method: <u>1100-1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>

Field No <u>10</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %		Fibrous %		Non Fibrous %		Gravimetric (HOB) Results %	
Color <u>Grey</u>	Texture <u>BN</u>	Morphology <u>W</u>	Extinction <u>11</u>	RI <u>1.55</u>	Chrysotile <u>11</u>	Amosite <u>155</u>	Other <u>0</u>	Cellulose <u>13</u>	Mineral Fiber <u>44</u>	Organic Binders <u>0</u>	Organic <u>0</u>	Asbestos <u>0</u>
Homogeneity <u>Y</u>	Asbestos <u>Y</u>	DS Color <u>182</u>	RI <u>1.55</u>	Color Photo <u>0</u>	Sign <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>
Color of Layer <u>Y</u>	Detected <u>Y</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>
Comments:												
Method: <u>1100-1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>

Field No <u>11</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %		Fibrous %		Non Fibrous %		Gravimetric (HOB) Results %	
Color <u>Grey</u>	Texture <u>BN</u>	Morphology <u>W</u>	Extinction <u>11</u>	RI <u>1.55</u>	Chrysotile <u>11</u>	Amosite <u>155</u>	Other <u>0</u>	Cellulose <u>13</u>	Mineral Fiber <u>46</u>	Organic Binders <u>0</u>	Organic <u>0</u>	Asbestos <u>0</u>
Homogeneity <u>Y</u>	Asbestos <u>Y</u>	DS Color <u>182</u>	RI <u>1.55</u>	Color Photo <u>0</u>	Sign <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>
Color of Layer <u>Y</u>	Detected <u>Y</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>
Comments:												
Method: <u>1100-1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>

Field No <u>12</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %		Fibrous %		Non Fibrous %		Gravimetric (HOB) Results %	
Color <u>Grey</u>	Texture <u>BN</u>	Morphology <u>W</u>	Extinction <u>11</u>	RI <u>1.55</u>	Chrysotile <u>11</u>	Amosite <u>155</u>	Other <u>0</u>	Cellulose <u>13</u>	Mineral Fiber <u>47</u>	Organic Binders <u>0</u>	Organic <u>0</u>	Asbestos <u>0</u>
Homogeneity <u>Y</u>	Asbestos <u>Y</u>	DS Color <u>182</u>	RI <u>1.55</u>	Color Photo <u>0</u>	Sign <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>	Other <u>0</u>
Color of Layer <u>Y</u>	Detected <u>Y</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>	No <u>0</u>	Yes <u>Y</u>
Comments:												
Method: <u>1100-1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>

[illegible]

Client / Project AUC Env./Lease Cnc. Bldg. 400, 775 Seventh Ave. Project No.

3037

Analysis Date 10/04/01 Analyst UPRETT

Field No	Stereoscopic Exams	PTM Optical Properties	Asbestos Results PLM %	Fibrous %	Non Fibrous %	Grahnert's (HOB) Results %
17	Color <u>Gray</u> Homogeneity <u>E</u> # of Layers <u>2</u> Color of Layer <u>—</u>	Texture <u>FL</u> Alignment <u>X</u> Deformed? Yes <u>No</u>	Morphology <u>L</u> RI <u>1.502</u> DS Color <u>Red</u> Biref <u>L</u>	Extinction <u>H</u> Nill <u>1.536</u> Color Plio <u>red</u> Sign <u>f</u>	Chrysotile <u>0.25</u> Amosite <u>—</u> Other <u>—</u>	Mineral Filler <u>44</u> Organic Binders <u>—</u> Vermiculite <u>—</u> Other <u>—</u>
	Comments:					
	Method: <u>Hand + Microscope</u>	<u>Grain</u>	<u>Grain</u>	<u>Grain</u>	<u>Grain</u>	<u>Grain</u>

Field No.	Stereoscopic Exam	PMA Optical Properties	Asbestos Results PMA %	Other Fibrous %	Non-Fibrous %	Gaseometric (HOB)
18	Color: <u>gray</u> Homogeneity: <u>F</u> # of Layers: <u>4</u> Coke of Layer: <u>---</u>	Texture: <u>FA</u> RI: <u>1.57</u> OS Cells: <u>82</u> Biref: <u>1</u>	Elongation: <u>11</u> Rupture: <u>1-50</u> Color Photo: <u>62</u> Sign: <u>---</u>	Fibroids: <u>13.25</u> Chrysotile: <u>96</u> Amphibole: <u>---</u> Other: <u>---</u>	Fibrosis: <u>---</u> Mineral Fiber: <u>---</u> Organic Builders: <u>---</u> Vermiculite: <u>---</u> Others: <u>---</u>	Oxynoc: <u>---</u> Residue: <u>---</u> Cellulosic: <u>---</u> Filling: <u>---</u> Asbestos: <u>---</u>
Comments:						
Method: ☒ Stereo, ☐ Micro, ☐ IR, ☐ X-ray, ☐ Other						
Gaseometric (HOB) Required ☐						
Permeability Test ☒						
Gaseometric (HOB) ☐						
Gaseometric (HOB) FET ☐						

[illegible]

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results Pl M %	Other Fibrous %	Fibrous %	Gravimetric (HOB) Results %
	Color _____ Homogeneity _____ # of Layers _____ Color of Layer _____ Comments _____	Texture _____ Birefringence _____ Pli _____ DS Color _____ Birefringence _____	Chrysotile _____ Amosite _____ Other _____	Leucolite _____ Fiberglass _____ Other _____	Mineral Fiber _____ Organic Fibers _____ Synthetic _____ Other _____	Organic _____ Inorganic _____ Asbestos _____
	Method: ☐ 10x + 10x ☐ 10x ☐ 10x	☐ 10x ☐ 10x ☐ 10x	Weight: _____ g			

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INSTR 101107

EAP 101107

MICROSCOPE OLIVE RUT

Client / Project ALC Env / LORAIN CO. Bldg 400 375 Sevier Ave / No Project NoAnalysis Date 10/04/01 Analyst UPREY Batch No 3037

1	Field No. <u>13</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %		Other Fibrous %		Non Fibrous %		Gravimetric (HOB) Results %	
Color <u>Grey</u>		Texture <u>FA</u>		Morphology <u>W</u>		Chrysotile <u>0.55</u>		Cellulose <u>12.5</u>		Fibrous Fiber <u>57</u>		Organic	
Homogeneity <u>Y</u>		Asbestos <u>Y</u>		RI <u>1.519</u>		Amosite <u>1.576</u>		Fiberglass <u>3.6</u>		Organic Binders		Organic	
# of Layers <u>0</u>		Detected <u>Yes</u>		DS Color <u>82</u>		Other <u>0</u>		Other		Vermiculite		Carbonate	
Color all layer <u>—</u>		Detected <u>Yes</u>		Brief <u>—</u>		Sign <u>—</u>		DC <u>0</u>		Other		Other	
Comments:		Method: ☒ 100x ☐ 200x ☐ 400x ☐ 1000x		K: ☐ none ☐ 100x ☐ 200x ☐ 400x ☐ 1000x		Imp: ☐ none ☐ 100x ☐ 200x ☐ 400x ☐ 1000x							

2	Field No. <u>14</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %		Other Fibrous %		Non Fibrous %		Gravimetric (HOB) Results %	
Color <u>Grey</u>		Texture <u>FA</u>		Morphology <u>W</u>		Chrysotile <u>1.0</u>		Cellulose <u>12.5</u>		Fibrous Fiber <u>55</u>		Organic	
Homogeneity <u>Y</u>		Asbestos <u>Y</u>		RI <u>1.519</u>		Amosite <u>1.576</u>		Fiberglass <u>3.3</u>		Organic Binders		Organic	
# of Layers <u>0</u>		Detected <u>Yes</u>		DS Color <u>82</u>		Other <u>0</u>		Other		Vermiculite		Carbonate	
Color all layer <u>—</u>		Detected <u>Yes</u>		Brief <u>—</u>		Sign <u>—</u>		DC <u>0</u>		Other		Other	
Comments:		Method: ☒ 100x ☐ 200x ☐ 400x ☐ 1000x		K: ☐ none ☐ 100x ☐ 200x ☐ 400x ☐ 1000x		Imp: ☐ none ☐ 100x ☐ 200x ☐ 400x ☐ 1000x							

3	Field No. <u>15</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %		Other Fibrous %		Non Fibrous %		Gravimetric (HOB) Results %	
Color <u>Grey</u>		Texture <u>FA</u>		Morphology <u>W</u>		Chrysotile <u>0.5</u>		Cellulose <u>12.5</u>		Fibrous Fiber <u>52</u>		Organic	
Homogeneity <u>Y</u>		Asbestos <u>Y</u>		RI <u>1.519</u>		Amosite <u>1.576</u>		Fiberglass <u>3.8</u>		Organic Binders		Organic	
# of Layers <u>0</u>		Detected <u>Yes</u>		DS Color <u>82</u>		Other <u>0</u>		Other		Vermiculite		Carbonate	
Color all layer <u>—</u>		Detected <u>Yes</u>		Brief <u>—</u>		Sign <u>—</u>		DC <u>0</u>		Other		Other	
Comments:		Method: ☒ 100x ☐ 200x ☐ 400x ☐ 1000x		K: ☐ none ☐ 100x ☐ 200x ☐ 400x ☐ 1000x		Imp: ☐ none ☐ 100x ☐ 200x ☐ 400x ☐ 1000x							

4	Field No. <u>16</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %		Other Fibrous %		Non Fibrous %		Gravimetric (HOB) Results %	
Color <u>Grey</u>		Texture <u>FA</u>		Morphology <u>W</u>		Chrysotile <u>0.5</u>		Cellulose <u>13.5</u>		Fibrous Fiber <u>53</u>		Organic	
Homogeneity <u>Y</u>		Asbestos <u>Y</u>		RI <u>1.519</u>		Amosite <u>1.576</u>		Fiberglass <u>3.3</u>		Organic Binders		Organic	
# of Layers <u>0</u>		Detected <u>Yes</u>		DS Color <u>82</u>		Other <u>0</u>		Other		Vermiculite		Carbonate	
Color all layer <u>—</u>		Detected <u>Yes</u>		Brief <u>—</u>		Sign <u>—</u>		DC <u>0</u>		Other		Other	
Comments:		Method: ☒ 100x ☐ 200x ☐ 400x ☐ 1000x		K: ☐ none ☐ 100x ☐ 200x ☐ 400x ☐ 1000x		Imp: ☐ none ☐ 100x ☐ 200x ☐ 400x ☐ 1000x							



117 EAST 30TH STREET
NEW YORK, NY 10016
TEL: (212) 679-8800 • FAX: (212) 679-9392

PLM Bulk Asbestos Report

American Lead Consultants
Attn: Josh Sarrett
115 West 30th Street
Suite 1108
New York, NY 10001

Date Received 10/05/2001 SciLab Job No. 201101479
Date Examined 10/05/2001 P.O. # Lefrak Organization
ELAP Number 11480 Page 1 of 1
RE: Lefrak Organization; Bldg. 400, 375 South End Avenue

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
#19	201101479-01	Yes	<1. %

Location: Apt. 10U Bedroom Floor

Description: Grey, Heterogeneous, Debris

Asbestos Types: Chrysotile <1. %

Other Material: Animal hair Trace, Cellulose 5. %, Fibrous glass 30. %, Non-fibrous >64. %

Reporting Notes:

- (1) Composite analysis results for heterogenous debris samples may be highly variable due to inhomogenities in materials present

Analyzed by: Bella Chernis *Bella Chernis*

*NAD/NSD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed / positive stop. PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200546-0) and ELAP PLM Analysis Protocol 198.1 for New York samples (NYSDOH ELAP Lab # 11480). Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. AIHA# 102843; VT Cert# AL016055

Reviewed By: _____

ALC Environmental Inc. # 3034



ALC ENVIRONMENTAL ASBESTOS ONLY SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 02 / 01

PROJECT NAME: Lefrak Organization
PROJECT ADDRESS: Building 400 / 375 South End Avenue

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

Home Area	Sample #	Material	Sample Location / Description	Quantity	% Asbestos
1	# 1	Misc	Apt livingrm - floor		
	2		livingrm - window		
	3		livingrm - window		
	4		Bedrm - window		
	5		Bedrm - window		
	6		living - window		
	7		bedrm - window		
	8		livingrm - window		
	9		livingrm - window		
	10		Bedroom - window		
	11		living - window		
	12		bedrm - floor		
	13		livingrm - window		
	14		Bedrm - window		
	15		livingrm - window		
	16		livingrm - window		
	17		bedrm - window		
	18		livingrm - window		
	19		bedrm - window		
	20		bedrm window		

PII

Field Comments:

Relinquished by: A. L. Blake Date: 10-02-01
Received by: U. Rege Date: 10/3/01
Laboratory Name: Helena Pergarlar

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ALC Environmental Inc.

3034



ALC ENVIRONMENTAL ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10-02-01

PROJECT NAME: Lefrak - Organization
PROJECT ADDRESS: Building 400 - 375 South End Avenue

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

Sample #	Material	Sample Location/Description	Quantity	% Asbestos
21	Misc	Bedrm 2 - window		
22		Livingrm - window		
23		Bedroom - floor		
24		livingrm - window		
25		livingrm - window		
26		Bedrm - floor		
27		Bedrm 1 - window		
28		livingrm - window		
29		-		
30		-		
31		Bedrm - window		
32				
33		livingrm - window		
34		Bedrm -		
35		livingrm -		
36		Bedroom -		
37		livingrm -		
38		Bedrm 1 -		
39		Bedrm 2 floor		
40		livingrm floor		

PII

Field Comments:

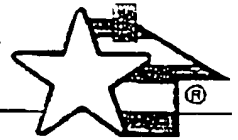
Relinquished by: A.R. Blake Date: 10-02-01

Received by: Y. Reyer Date: 10/3/01

Laboratory Name: Yelena Reyerach

ALC Environmental Inc.

3034



ALC ENVIRONMENTAL ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10/02/01

PROJECT NAME: Lefrak Organization
PROJECT ADDRESS: Building 400 / 375 South End Avenue

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

Home Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
	#41	Misc	4R - bedroom-window		
	42		T - livingrm-floors		
	43		T - 1 - window		
	44		S - Bedroom 1 - window		
	45		- livingrm-window		
	46		- Bedroom - floor		
	47		- Bedroom - window		
	48		- livingrm - window		
	49		- Bedroom 1 - window		
	50		livingrm - window		
	51		Bedrm - window		
	52		livingrm - window		
	53		livingrm - window		
	54		bedrm - window		
	55		bedrm 1 - floor		
	56		livingrm - floor		
	57		bedrm - window		
	58		bedrm - floor		
	59		Livingrm - window		
	60		Livingrm - window		

P11

Field Comments:

Relinquished by: A.R. Blake Date: 10-02-01
Received by: Urege Date: 10/3/01
Laboratory Name: Urege Research

NYC-WTC_000095370

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NYLAP 100101

ELAP 10010

Microscopic OLYMPUS B10

Client / Project ALC / LeFrax Organization / Build. 400 Project No 30301

Analysis Date 10/3/01 Analyst Upreya Batch No 30301

Field No. <u>01</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>Grey</u>	Texture <u>PM</u>	Morphology <u>PM</u>	Chrysotile <u>PM</u>	Cellulose <u>PM</u>	Mineral Filler <u>PM</u>	Organic Residue <u>PM</u>
Homogeneity <u>Y</u>	Asbestos <u>PM</u>	RII <u>PM</u>	Anisotropy <u>PM</u>	Fiberglass <u>PM</u>	Organic Binders <u>PM</u>	Carbonate <u>PM</u>
# of Layers <u>1</u>	Detected <u>Y</u>	DS Color <u>PM</u>	Other <u>PM</u>	Other <u>PM</u>	Vermiculite <u>PM</u>	Other <u>PM</u>
Color of Layer <u>PM</u>	Yes <u>PM</u>	Color Pico <u>PM</u>	Other <u>PM</u>	Other <u>PM</u>	Other <u>PM</u>	Asbestos <u>PM</u>
Comments:		Sign <u>PM</u>				
Method: <u>PM</u>						

Field No. <u>02</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>Grey</u>	Texture <u>PM</u>	Morphology <u>PM</u>	Chrysotile <u>PM</u>	Cellulose <u>PM</u>	Mineral Filler <u>PM</u>	Organic Residue <u>PM</u>
Homogeneity <u>Y</u>	Asbestos <u>PM</u>	RII <u>PM</u>	Anisotropy <u>PM</u>	Fiberglass <u>PM</u>	Organic Binders <u>PM</u>	Carbonate <u>PM</u>
# of Layers <u>1</u>	Detected <u>Y</u>	DS Color <u>PM</u>	Other <u>PM</u>	Other <u>PM</u>	Vermiculite <u>PM</u>	Other <u>PM</u>
Color of Layer <u>PM</u>	Yes <u>PM</u>	Color Pico <u>PM</u>	Other <u>PM</u>	Other <u>PM</u>	Other <u>PM</u>	Asbestos <u>PM</u>
Comments:		Sign <u>PM</u>				
Method: <u>PM</u>						

Field No. <u>03</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>Grey</u>	Texture <u>PM</u>	Morphology <u>PM</u>	Chrysotile <u>PM</u>	Cellulose <u>PM</u>	Mineral Filler <u>PM</u>	Organic Residue <u>PM</u>
Homogeneity <u>Y</u>	Asbestos <u>PM</u>	RII <u>PM</u>	Anisotropy <u>PM</u>	Fiberglass <u>PM</u>	Organic Binders <u>PM</u>	Carbonate <u>PM</u>
# of Layers <u>1</u>	Detected <u>Y</u>	DS Color <u>PM</u>	Other <u>PM</u>	Other <u>PM</u>	Vermiculite <u>PM</u>	Other <u>PM</u>
Color of Layer <u>PM</u>	Yes <u>PM</u>	Color Pico <u>PM</u>	Other <u>PM</u>	Other <u>PM</u>	Other <u>PM</u>	Asbestos <u>PM</u>
Comments:		Sign <u>PM</u>				
Method: <u>PM</u>						

Field No. <u>04</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>Grey</u>	Texture <u>PM</u>	Morphology <u>PM</u>	Chrysotile <u>PM</u>	Cellulose <u>PM</u>	Mineral Filler <u>PM</u>	Organic Residue <u>PM</u>
Homogeneity <u>Y</u>	Asbestos <u>PM</u>	RII <u>PM</u>	Anisotropy <u>PM</u>	Fiberglass <u>PM</u>	Organic Binders <u>PM</u>	Carbonate <u>PM</u>
# of Layers <u>1</u>	Detected <u>Y</u>	DS Color <u>PM</u>	Other <u>PM</u>	Other <u>PM</u>	Vermiculite <u>PM</u>	Other <u>PM</u>
Color of Layer <u>PM</u>	Yes <u>PM</u>	Color Pico <u>PM</u>	Other <u>PM</u>	Other <u>PM</u>	Other <u>PM</u>	Asbestos <u>PM</u>
Comments:		Sign <u>PM</u>				
Method: <u>PM</u>						

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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INCLAP 101107
CLAP 10070
Microscope-OLYMP RI-2

Client / Project ALC/LeFrak Organization/Build 400 Project No 30301
Analysis Date 10/3/01 Analyst UReye Batch No 30301

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
1	Color <u>Gray</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>Gray</u> Comments:	Morphology <u>W</u> RI <u>1.548</u> DS Color <u>Gray</u> Brief <u>See</u> Sign <u>See</u>	Chrysotile <u>0.75</u> Anosite <u>1.86</u> Other <u>0.0</u>	Cellulose <u>34.25</u> Fiberglass <u>31.0</u> Vermiculite <u>0.0</u> Other <u>0.0</u>	Mineral Filler <u>34</u> Organic Binders <u>0.0</u> Vermiculite <u>0.0</u> Other <u>0.0</u>	Organic <u>0.0</u> Residue <u>0.0</u> Carbonate <u>0.0</u> Other <u>0.0</u> Asbestos <u>0.0</u>
2	Color <u>Gray</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>Gray</u> Comments:	Morphology <u>W</u> RI <u>1.548</u> DS Color <u>Gray</u> Brief <u>See</u> Sign <u>See</u>	Chrysotile <u>0.5</u> Anosite <u>1.55</u> Other <u>0.0</u>	Cellulose <u>30.5</u> Fiberglass <u>3.0</u> Vermiculite <u>0.0</u> Other <u>0.0</u>	Mineral Filler <u>3.0</u> Organic Binders <u>0.0</u> Vermiculite <u>0.0</u> Other <u>0.0</u>	Organic <u>0.0</u> Residue <u>0.0</u> Carbonate <u>0.0</u> Other <u>0.0</u> Asbestos <u>0.0</u>
3	Color <u>Gray</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>Gray</u> Comments:	Morphology <u>W</u> RI <u>1.548</u> DS Color <u>Gray</u> Brief <u>See</u> Sign <u>See</u>	Chrysotile <u>0.5</u> Anosite <u>1.556</u> Other <u>0.0</u>	Cellulose <u>30.5</u> Fiberglass <u>3.0</u> Vermiculite <u>0.0</u> Other <u>0.0</u>	Mineral Filler <u>3.0</u> Organic Binders <u>0.0</u> Vermiculite <u>0.0</u> Other <u>0.0</u>	Organic <u>0.0</u> Residue <u>0.0</u> Carbonate <u>0.0</u> Other <u>0.0</u> Asbestos <u>0.0</u>
4	Color <u>Gray</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Color of Layer <u>Gray</u> Comments:	Morphology <u>W</u> RI <u>1.548</u> DS Color <u>Gray</u> Brief <u>See</u> Sign <u>See</u>	Chrysotile <u>0.5</u> Anosite <u>1.556</u> Other <u>0.0</u>	Cellulose <u>1.7</u> Fiberglass <u>3.5</u> Vermiculite <u>0.0</u> Other <u>0.0</u>	Mineral Filler <u>1.7</u> Organic Binders <u>0.0</u> Vermiculite <u>0.0</u> Other <u>0.0</u>	Organic <u>0.0</u> Residue <u>0.0</u> Carbonate <u>0.0</u> Other <u>0.0</u> Asbestos <u>0.0</u>

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NYLAP 108187

ELAP 10279

Microscopic Overlay 117

Client / Project ALC / Lefrak Organization / Build. 400 Project No. 30301
 Analysis Date 10/3/01 Analyst UPeyo Batch No. 30301

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>fine</u>	Morphology <u>LD</u>	Extinction RI II <u>1.17</u>	Chrysotile <u>72</u>	Cellulose <u>33</u>	Mineral Filler <u>31</u>	Organic Residue <u>32</u>	Organic Residue <u>32</u>	Carbonate <u>32</u>	Other <u>32</u>	Asbestos <u>32</u>
		Homogeneity <u>4</u>	Asbestos <u>4</u>	OS Color <u>6/10</u>	Color Pico <u>1</u>	Amosite <u>1</u>							
		Color of Layer <u>---</u>	Detected <u>Yes</u>	RI II <u>---</u>	Sign <u>---</u>	Other <u>---</u>							
		Comments: <u>---</u>											
Method: ☒ Microscopic ☐ PLM ☐ Other ☐ Comments: <u>---</u>													

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>fine</u>	Morphology <u>LD</u>	Extinction RI II <u>1.17</u>	Chrysotile <u>72</u>	Cellulose <u>30</u>	Mineral Filler <u>30</u>	Organic Residue <u>30</u>	Organic Residue <u>30</u>	Carbonate <u>30</u>	Other <u>30</u>	Asbestos <u>30</u>
		Homogeneity <u>4</u>	Asbestos <u>4</u>	OS Color <u>6/10</u>	Color Pico <u>1</u>	Amosite <u>1</u>							
		Color of Layer <u>---</u>	Detected <u>Yes</u>	RI II <u>---</u>	Sign <u>---</u>	Other <u>---</u>							
		Comments: <u>---</u>											
Method: ☒ Microscopic ☐ PLM ☐ Other ☐ Comments: <u>---</u>													

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>fine</u>	Morphology <u>LD</u>	Extinction RI II <u>1.17</u>	Chrysotile <u>70</u>	Cellulose <u>28</u>	Mineral Filler <u>30</u>	Organic Residue <u>40</u>	Organic Residue <u>40</u>	Carbonate <u>40</u>	Other <u>40</u>	Asbestos <u>40</u>
		Homogeneity <u>4</u>	Asbestos <u>4</u>	OS Color <u>6/10</u>	Color Pico <u>1</u>	Amosite <u>1</u>							
		Color of Layer <u>---</u>	Detected <u>Yes</u>	RI II <u>---</u>	Sign <u>---</u>	Other <u>---</u>							
		Comments: <u>---</u>											
Method: ☒ Microscopic ☐ PLM ☐ Other ☐ Comments: <u>---</u>													

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>fine</u>	Morphology <u>LD</u>	Extinction RI II <u>1.17</u>	Chrysotile <u>72</u>	Cellulose <u>30</u>	Mineral Filler <u>30</u>	Organic Residue <u>42</u>	Organic Residue <u>42</u>	Carbonate <u>42</u>	Other <u>42</u>	Asbestos <u>42</u>
		Homogeneity <u>4</u>	Asbestos <u>4</u>	OS Color <u>6/10</u>	Color Pico <u>1</u>	Amosite <u>1</u>							
		Color of Layer <u>---</u>	Detected <u>Yes</u>	RI II <u>---</u>	Sign <u>---</u>	Other <u>---</u>							
		Comments: <u>---</u>											
Method: ☒ Microscopic ☐ PLM ☐ Other ☐ Comments: <u>---</u>													

IVLAP 101167
ELAP 16879

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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Client / Project	AIC/Leifor Organization / Build. 400	Product No.	
Analysis Date	10/3/01	Batch No.	30308
	Analyst		LPeyg/par

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
1	Color <u>tan</u> Homogeneity <u>h</u> # of layers <u>4</u> Color of layer <u>---</u> Comments: <u>---</u>	Morphology <u>wo</u> RI <u>1.07</u> DS Color <u>white</u> Biref <u>---</u> Sign <u>---</u>	Asbestos Results PLM % <u>0-15</u> Chrysotile <u>---</u> Amphibole <u>---</u> Other	Fibrous % <u>24.71</u> Cellulose <u>35</u> Fiberglass <u>---</u> Other	Non Fibrous % <u>412</u> Mineral Filler <u>---</u> Organic Binders <u>---</u> Vermiculite <u>---</u> Other	Gravimetric (HOB) Results % <u>---</u> Organic <u>---</u> Residue <u>---</u> Carbonate <u>---</u> Other <u>---</u> Asbestos
2	Color <u>tan</u> Homogeneity <u>h</u> # of layers <u>4</u> Color of layer <u>---</u> Comments: <u>---</u>	Morphology <u>wo</u> RI <u>1.07</u> DS Color <u>white</u> Biref <u>---</u> Sign <u>---</u>	Asbestos Results PLM % <u>74</u> Chrysotile <u>---</u> Amphibole <u>---</u> Other	Fibrous % <u>30</u> Cellulose <u>44</u> Fiberglass <u>---</u> Other	Non Fibrous % <u>28</u> Mineral Filler <u>---</u> Organic Binders <u>---</u> Vermiculite <u>---</u> Other	Gravimetric (HOB) Results % <u>---</u> Organic <u>---</u> Residue <u>---</u> Carbonate <u>---</u> Other <u>---</u> Asbestos
3	Color <u>tan</u> Homogeneity <u>h</u> # of layers <u>4</u> Color of layer <u>---</u> Comments: <u>---</u>	Morphology <u>wo</u> RI <u>1.14</u> DS Color <u>white</u> Biref <u>---</u> Sign <u>---</u>	Asbestos Results PLM % <u>74</u> Chrysotile <u>---</u> Amphibole <u>---</u> Other	Fibrous % <u>30</u> Cellulose <u>38</u> Fiberglass <u>---</u> Other	Non Fibrous % <u>3</u> Mineral Filler <u>---</u> Organic Binders <u>---</u> Vermiculite <u>---</u> Other	Gravimetric (HOB) Results % <u>---</u> Organic <u>---</u> Residue <u>---</u> Carbonate <u>---</u> Other <u>---</u> Asbestos
4	Color <u>tan</u> Homogeneity <u>h</u> # of layers <u>4</u> Color of layer <u>---</u> Comments: <u>---</u>	Morphology <u>wo</u> RI <u>1.14</u> DS Color <u>white</u> Biref <u>---</u> Sign <u>---</u>	Asbestos Results PLM % <u>74</u> Chrysotile <u>---</u> Amphibole <u>---</u> Other	Fibrous % <u>30</u> Cellulose <u>38</u> Fiberglass <u>---</u> Other	Non Fibrous % <u>3</u> Mineral Filler <u>---</u> Organic Binders <u>---</u> Vermiculite <u>---</u> Other	Gravimetric (HOB) Results % <u>---</u> Organic <u>---</u> Residue <u>---</u> Carbonate <u>---</u> Other <u>---</u> Asbestos

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Client / Project	Project No
AIC / e-max Organization	Build. 400

Analysis Date	Analyst
10/3/01	

March, No

30329

[illegible][illegible]

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non-Fibrous %	Graumatic (HOB)
39	Color: brown Homogeneity: h # of layers: 4 Color all year: — Comments:	Morphology: LP RI: 1.06 DS Color: blue Duel: L Texture: photo Asbestos: X Dissected: Yes No	Chrysotile: 0.25 Amosite: — Other: —	Calcate: 40 Fiberglass: 35 Other: 2-7% gypsum	Mineral fiber: 22 Organic binders: — Vermiculite: — Other: —	Organic: — Flexible: — Catalytic: — Other: — Asbestos: —

J	Field No.	Stereoscopic Exam	PLM Optical Properties	Aliteos Refracts PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB)
	40	Color: tan Honeycombed # of Layers: 4 Color of Layer: ---	Mineralogy: <u>W</u> RI: <u>1.54</u> DS Color: <u>blue</u> Biref: <u>L</u>	Crystalline Amorphous Other	37.50 Silicate 3.0 Fiberglass 76 Other how	32 Mineral Filler Organic Binders Ventricle Other	Results % Organic Residue Carbonate Other Asbestos
Comments: <u>Method: ☒ HOB + 100% ☐ HOB + 100% ☐ HOB + 100% ☐ HOB + 100%</u>							
Gravimetric (HOB) Test							
Gravimetric (HOB) Required ☐ Recommended ☒ Gravimetric (HOB) ☐ Gravimetric (HOB) ☐ Gravimetric (HOB) ☐ Gravimetric (HOB) ☐ Gravimetric (HOB) ☐ Gravimetric (HOB) ☐							

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NYLAP 10119

ELAP 10878

Microscope OLYMP BH-3

Client / Project ALC/LeFrak Organization/Build 400 Project No. 30301
 Analysis Date 10/3/01 Analyst LP Rego Batch No. 30301

Field No. <u>15</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
Color <u>tan</u>	Texture <u>fib</u>	Extinction <u>11</u>	Morphology <u>W</u>	Chrysotile <u>24</u>	39.25 Cellulose	21 Mineral Fiber	Organic	
Homogeneity <u>Y</u>	Asbestos <u>Y</u>	RII <u>11</u>	DS Color <u>W</u>	Amosite	35 Fiberglass	Organic Binders	Residue	
# of Layers <u>1</u>	Detected Yes ☒ No ☐	Color, Pico <u>1</u>	Biref <u>1</u>	Other	50 Other	Vermiculite	Carbonate	
Color of Layer <u>---</u>	Comments: <u>---</u>	Sign <u>---</u>				Other	Asbestos	
Method: ☒ 10x ☐ 20x ☐ 40x ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Scanning Electron Microscopy (SEM) ☐ Energy Dispersive X-ray (EDS) ☐ Backscattered Electron (BSE) ☐ Cathodoluminescence (CL) ☐							

Field No. <u>16</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
Color <u>tan</u>	Texture <u>fib</u>	Extinction <u>11</u>	Morphology <u>W</u>	Chrysotile <u>10</u>	34.90 Cellulose	21 Mineral Fiber	Organic	
Homogeneity <u>Y</u>	Asbestos <u>Y</u>	RII <u>11</u>	DS Color <u>W</u>	Amosite	40 Fiberglass	Organic Binders	Residue	
# of Layers <u>1</u>	Detected Yes ☒ No ☐	Color, Pico <u>1</u>	Biref <u>1</u>	Other		Vermiculite	Carbonate	
Color of Layer <u>---</u>	Comments: <u>---</u>	Sign <u>---</u>				Other	Asbestos	
Method: ☒ 10x ☐ 20x ☐ 40x ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Scanning Electron Microscopy (SEM) ☐ Energy Dispersive X-ray (EDS) ☐ Backscattered Electron (BSE) ☐ Cathodoluminescence (CL) ☐							

Field No. <u>17</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
Color <u>tan</u>	Texture <u>fib</u>	Extinction <u>11</u>	Morphology <u>W</u>	Chrysotile <u>7</u>	36 Cellulose	28 Mineral Fiber	Organic	
Homogeneity <u>Y</u>	Asbestos <u>Y</u>	RII <u>11</u>	DS Color <u>W</u>	Amosite	36 Fiberglass	Organic Binders	Residue	
# of Layers <u>1</u>	Detected Yes ☒ No ☐	Color, Pico <u>1</u>	Biref <u>1</u>	Other		Vermiculite	Carbonate	
Color of Layer <u>---</u>	Comments: <u>---</u>	Sign <u>---</u>				Other	Asbestos	
Method: ☒ 10x ☐ 20x ☐ 40x ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Scanning Electron Microscopy (SEM) ☐ Energy Dispersive X-ray (EDS) ☐ Backscattered Electron (BSE) ☐ Cathodoluminescence (CL) ☐							

Field No. <u>18</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non-Fibrous %	Gravimetric (HOB) Results %
Color <u>tan</u>	Texture <u>fib</u>	Extinction <u>11</u>	Morphology <u>W</u>	Chrysotile <u>4</u>	38 Cellulose	22 Mineral Fiber	Organic	
Homogeneity <u>Y</u>	Asbestos <u>Y</u>	RII <u>11</u>	DS Color <u>W</u>	Amosite	40 Fiberglass	Organic Binders	Residue	
# of Layers <u>1</u>	Detected Yes ☒ No ☐	Color, Pico <u>1</u>	Biref <u>1</u>	Other		Vermiculite	Carbonate	
Color of Layer <u>---</u>	Comments: <u>---</u>	Sign <u>---</u>				Other	Asbestos	
Method: ☒ 10x ☐ 20x ☐ 40x ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Scanning Electron Microscopy (SEM) ☐ Energy Dispersive X-ray (EDS) ☐ Backscattered Electron (BSE) ☐ Cathodoluminescence (CL) ☐							

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INCLAP 101183
ELAP 10172

Microscopic OLYMPUS 11

Client / Project ALC / Lefrak Organization / Build. 400 Project No. 30308
Analysis Date 10/31/01 Analyst UPREY / gnt Batch No. 30308

Field No. <u>53</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>tan</u>	Texture <u>fib</u>	Morphology <u>ac</u>	Extinction <u>1.1</u>	Chrysotile <u>11</u>	Cellulose <u>33</u>	Mineral Fiber <u>30</u>	Organic <u>0</u>	Residue <u>0</u>
Homogeneity <u>4</u>	Asbestos <u>1</u>	RI <u>1.51</u>	RI II <u>1.51</u>	Amosite <u>0</u>	Fiberglass <u>37</u>	Organic Binders <u>0</u>	Residue <u>0</u>	Carbonate <u>0</u>
# of Layers <u>1</u>	Detected <u>Yes</u>	DS Color <u>6/10</u>	Color Piece <u>1</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Other <u>0</u>	Asbestos <u>0</u>
Color of Layer <u>tan</u>	Deflected <u>No</u>	Biref <u>1</u>	Sign <u>1</u>					
Comments:								
Method: ☒ 10x ☐ 20x ☐ 40x ☐ 60x ☐ 80x ☐ 100x	Technician: <u>UPREY / gnt</u>							

Field No. <u>54</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>tan</u>	Texture <u>fib</u>	Morphology <u>ac</u>	Extinction <u>1.1</u>	Chrysotile <u>11</u>	Cellulose <u>40</u>	Mineral Fiber <u>28</u>	Organic <u>0</u>	Residue <u>0</u>
Homogeneity <u>4</u>	Asbestos <u>1</u>	RI <u>1.51</u>	RI II <u>1.51</u>	Amosite <u>0</u>	Fiberglass <u>37</u>	Organic Binders <u>0</u>	Residue <u>0</u>	Carbonate <u>0</u>
# of Layers <u>1</u>	Detected <u>Yes</u>	DS Color <u>6/10</u>	Color Piece <u>1</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Other <u>0</u>	Asbestos <u>0</u>
Color of Layer <u>tan</u>	Deflected <u>No</u>	Biref <u>1</u>	Sign <u>1</u>					
Comments:								
Method: ☒ 10x ☐ 20x ☐ 40x ☐ 60x ☐ 80x ☐ 100x	Technician: <u>UPREY / gnt</u>							

Field No. <u>55</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>tan</u>	Texture <u>fib</u>	Morphology <u>ac</u>	Extinction <u>1.1</u>	Chrysotile <u>11</u>	Cellulose <u>40</u>	Mineral Fiber <u>28</u>	Organic <u>0</u>	Residue <u>0</u>
Homogeneity <u>4</u>	Asbestos <u>1</u>	RI <u>1.51</u>	RI II <u>1.51</u>	Amosite <u>0</u>	Fiberglass <u>37</u>	Organic Binders <u>0</u>	Residue <u>0</u>	Carbonate <u>0</u>
# of Layers <u>1</u>	Detected <u>Yes</u>	DS Color <u>6/10</u>	Color Piece <u>1</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Other <u>0</u>	Asbestos <u>0</u>
Color of Layer <u>tan</u>	Deflected <u>No</u>	Biref <u>1</u>	Sign <u>1</u>					
Comments:								
Method: ☒ 10x ☐ 20x ☐ 40x ☐ 60x ☐ 80x ☐ 100x	Technician: <u>UPREY / gnt</u>							

Field No. <u>56</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>tan</u>	Texture <u>fib</u>	Morphology <u>ac</u>	Extinction <u>1.1</u>	Chrysotile <u>11</u>	Cellulose <u>40</u>	Mineral Fiber <u>28</u>	Organic <u>0</u>	Residue <u>0</u>
Homogeneity <u>4</u>	Asbestos <u>1</u>	RI <u>1.51</u>	RI II <u>1.51</u>	Amosite <u>0</u>	Fiberglass <u>37</u>	Organic Binders <u>0</u>	Residue <u>0</u>	Carbonate <u>0</u>
# of Layers <u>1</u>	Detected <u>Yes</u>	DS Color <u>6/10</u>	Color Piece <u>1</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Other <u>0</u>	Asbestos <u>0</u>
Color of Layer <u>tan</u>	Deflected <u>No</u>	Biref <u>1</u>	Sign <u>1</u>					
Comments:								
Method: ☒ 10x ☐ 20x ☐ 40x ☐ 60x ☐ 80x ☐ 100x	Technician: <u>UPREY / gnt</u>							

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NYLAP 101132

SLAP 10078

Microscopic (OLYP BII)

Client/Project ALC/LeFrak Organization/Build 400 Project No. 30348
 Analysis Date 10/3/01 Analyst CRP/1/41C Batch No. 30348

Field No. <u>57</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>Wavy</u>	Extinction <u>11</u>	Chrysotile <u>0.25</u>	Cellulose <u>29.71</u>	Mineral Filler <u>40</u>	Organic <u>Residue</u>	Organic <u>Residue</u>
Homogeneity <u>Y</u>	Asbestos <u>Y</u>	RII <u>1.543</u>	RII <u>1.556</u>	Anosite <u>---</u>	Fiberglass <u>30</u>	Organic Binders <u>---</u>	Residue <u>---</u>	Carbonate <u>---</u>
# of Layers <u>---</u>	Detected <u>Yes</u>	DS Color <u>8/11</u>	Color Pico <u>---</u>	Other <u>---</u>	Other <u>---</u>	Vermiculite <u>---</u>	Other <u>---</u>	Asbestos <u>---</u>
Color all layers <u>---</u>	Detected <u>Yes</u>	Bleed <u>L</u>	Sign <u>---</u>			Other <u>---</u>		
Comments:								
Method: ☒ OLAP ☐ OLAP ☐ OLAP ☐ OLAP ☐ OLAP	For (Type) (Asbestos) = 0							

Field No. <u>58</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>Wavy</u>	Extinction <u>11</u>	Chrysotile <u>22</u>	Cellulose <u>20</u>	Mineral Filler <u>41</u>	Organic <u>Residue</u>	Organic <u>Residue</u>
Homogeneity <u>Y</u>	Asbestos <u>Y</u>	RII <u>1.543</u>	RII <u>1.556</u>	Anosite <u>---</u>	Fiberglass <u>35</u>	Organic Binders <u>---</u>	Residue <u>---</u>	Carbonate <u>---</u>
# of Layers <u>---</u>	Detected <u>Yes</u>	DS Color <u>8/11</u>	Color Pico <u>---</u>	Other <u>---</u>	Other <u>---</u>	Vermiculite <u>---</u>	Other <u>---</u>	Asbestos <u>---</u>
Color all layers <u>---</u>	Detected <u>Yes</u>	Bleed <u>L</u>	Sign <u>---</u>			Other <u>---</u>		
Comments:								
Method: ☒ OLAP ☐ OLAP ☐ OLAP ☐ OLAP ☐ OLAP	For (Type) (Asbestos) = 0							

Field No. <u>59</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>Wavy</u>	Extinction <u>11</u>	Chrysotile <u>---</u>	Cellulose <u>25</u>	Mineral Filler <u>42</u>	Organic <u>Residue</u>	Organic <u>Residue</u>
Homogeneity <u>Y</u>	Asbestos <u>Y</u>	RII <u>1.543</u>	RII <u>1.556</u>	Anosite <u>---</u>	Fiberglass <u>33</u>	Organic Binders <u>---</u>	Residue <u>---</u>	Carbonate <u>---</u>
# of Layers <u>---</u>	Detected <u>Yes</u>	DS Color <u>8/11</u>	Color Pico <u>---</u>	Other <u>---</u>	Other <u>---</u>	Vermiculite <u>---</u>	Other <u>---</u>	Asbestos <u>---</u>
Color all layers <u>---</u>	Detected <u>Yes</u>	Bleed <u>L</u>	Sign <u>---</u>			Other <u>---</u>		
Comments:								
Method: ☒ OLAP ☐ OLAP ☐ OLAP ☐ OLAP ☐ OLAP	For (Type) (Asbestos) = 0							

Field No. <u>60</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>Wavy</u>	Extinction <u>11</u>	Chrysotile <u>---</u>	Cellulose <u>17</u>	Mineral Filler <u>43</u>	Organic <u>Residue</u>	Organic <u>Residue</u>
Homogeneity <u>Y</u>	Asbestos <u>Y</u>	RII <u>1.543</u>	RII <u>1.556</u>	Anosite <u>---</u>	Fiberglass <u>40</u>	Organic Binders <u>---</u>	Residue <u>---</u>	Carbonate <u>---</u>
# of Layers <u>---</u>	Detected <u>Yes</u>	DS Color <u>8/11</u>	Color Pico <u>---</u>	Other <u>---</u>	Other <u>---</u>	Vermiculite <u>---</u>	Other <u>---</u>	Asbestos <u>---</u>
Color all layers <u>---</u>	Detected <u>Yes</u>	Bleed <u>L</u>	Sign <u>---</u>			Other <u>---</u>		
Comments:								
Method: ☒ OLAP ☐ OLAP ☐ OLAP ☐ OLAP ☐ OLAP	For (Type) (Asbestos) = 0							

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NYCAP 100101

SLAP 10020

Microscope OLYMPUS

Client / Project ALC / LeFrax Organization / Building 400 Project No 3038
 Analysis Date 10/3/01 Analyst UPeyo / pr Batch No 3038

Field No <u>65</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>tan</u>	Texture <u>fib</u>	Morphology <u>W</u>	Chrysotile <u>0.50</u>	Cellulose <u>39.00</u>	Mineral Fiber <u>24</u>	Organic <u>---</u>
Homogeneity <u>Y</u>	Asbestos <u>X</u>	RI <u>1.54</u>	Anatase <u>---</u>	Fiberglass <u>3.6</u>	Organic Binders <u>---</u>	Residue <u>---</u>
# of Layers <u>1</u>	Detected Yes <u>X</u> No <u>---</u>	DS Color <u>W</u>	Other <u>---</u>	Other <u>---</u>	Vermiculite <u>---</u>	Carbonate <u>---</u>
Color of Layer <u>---</u>	Detected Yes <u>---</u> No <u>---</u>	Biref <u>---</u>	Sign <u>---</u>	Sign <u>---</u>	Other <u>---</u>	Other <u>---</u>
Comments:	Method: ☒ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x

Field No <u>66</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Color <u>tan</u>	Texture <u>fib</u>	Morphology <u>W</u>	Chrysotile <u>72</u>	Cellulose <u>42</u>	Mineral Fiber <u>20</u>	Organic <u>---</u>
Homogeneity <u>Y</u>	Asbestos <u>X</u>	RI <u>1.54</u>	Anatase <u>---</u>	Fiberglass <u>38</u>	Organic Binders <u>---</u>	Residue <u>---</u>
# of Layers <u>1</u>	Detected Yes <u>X</u> No <u>---</u>	DS Color <u>W</u>	Other <u>---</u>	Other <u>---</u>	Vermiculite <u>---</u>	Carbonate <u>---</u>
Color of Layer <u>---</u>	Detected Yes <u>---</u> No <u>---</u>	Biref <u>---</u>	Sign <u>---</u>	Sign <u>---</u>	Other <u>---</u>	Other <u>---</u>
Comments:	Method: ☒ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x

Field No <u>67</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>	Chrysotile <u>25</u>	Cellulose <u>33</u>	Mineral Fiber <u>25</u>	Organic <u>---</u>
Homogeneity <u>Y</u>	Asbestos <u>X</u>	RI <u>1.54</u>	Anatase <u>---</u>	Fiberglass <u>40</u>	Organic Binders <u>---</u>	Residue <u>---</u>
# of Layers <u>1</u>	Detected Yes <u>X</u> No <u>---</u>	DS Color <u>W</u>	Other <u>---</u>	Other <u>---</u>	Vermiculite <u>---</u>	Carbonate <u>---</u>
Color of Layer <u>---</u>	Detected Yes <u>---</u> No <u>---</u>	Biref <u>---</u>	Sign <u>---</u>	Sign <u>---</u>	Other <u>---</u>	Other <u>---</u>
Comments:	Method: ☒ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x

Field No <u>68</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>	Chrysotile <u>25</u>	Cellulose <u>37</u>	Mineral Fiber <u>21</u>	Organic <u>---</u>
Homogeneity <u>Y</u>	Asbestos <u>X</u>	RI <u>1.54</u>	Anatase <u>---</u>	Fiberglass <u>42</u>	Organic Binders <u>---</u>	Residue <u>---</u>
# of Layers <u>1</u>	Detected Yes <u>X</u> No <u>---</u>	DS Color <u>W</u>	Other <u>---</u>	Other <u>---</u>	Vermiculite <u>---</u>	Carbonate <u>---</u>
Color of Layer <u>---</u>	Detected Yes <u>---</u> No <u>---</u>	Biref <u>---</u>	Sign <u>---</u>	Sign <u>---</u>	Other <u>---</u>	Other <u>---</u>
Comments:	Method: ☒ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x	Method: ☐ Low ☐ High ☐ Other ☐ Scale: ☐ 100x ☐ 200x ☐ 400x ☐ 1000x

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JUL 1967

44 AP 38870

Q1 Y7 H17 2

Client / Project: A/LC / Lehigh Valley Association / Build 400 Project No: _____

Analysis Date	12/2/01	Analyst	Li Kelly	Batch No	30541
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1505

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results Plat %	Fibrous % Other	Grosmetric (1000)
69	Color <u>tan</u>	Extinction <u>11</u>	<u>0-25</u> Chrysotile Amosite Other	Fibrous % <u>34</u> Non Mineral Filler Organic Binders Vermiculite Other	Results % Organic Residue Carbonate Other Asbestos
	Texture <u>ph</u>	Ril <u>1-2</u>			
	Homogeneity <u>y</u>	DSC Color <u>67m</u>			
	# of Layers	Biref			
	Cross of Layer	Sign			
	Comments				
	Method: <u>Hand + 1st</u>	<u>0</u> Scattering Observed	<u>100%</u> Asbestos = 0	<u>0</u>	
	Print Group				
	Analyses Performed				

Field No.	Stereoscopic Exam	PMT Optical Properties	Asbestos Results P.M. %	Other Fibrous %	Non Fibrous %	Gravelitic (HOU) Results %
Gravelitic (prob)	Color _____ Homogeneity _____ # of layers _____	Transparency _____ RII _____ DS Color _____ Biref _____	Extinction _____ RII _____ Color Phase _____ Sign _____	Celadone _____ Fueglass _____ Other _____	Fibular filler _____ Organic binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Calcinate _____ Other _____ Aqueous _____
Recrystallized						
Gravelitic (P&P)						
Gravelitic (prob) PMT						
Gravelitic (prob) Test						
Remarks:						
Method:						
Notes:						

[illegible][illegible]



The First Choice for Environmental Testing & Consulting

3026

Asbestos Bulk CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 01 / 01

PROJECT NAME:

LeFrak Organization - Gateway Plaza

PROJECT ADDRESS:

375 South End Ave (Building 400)

TURN AROUND TIME (circle one):

4hr

72hr

24hr

48hr

72hr

Sample #	Material	Area Being Sampled	Home Area	Result of Lab Analysis
1	Miscellaneous	LivRm/Win	1	ug/ft ²
2		" Flr.		ug/ft ²
3		BedR Win		ug/ft ²
4		" "		ug/ft ²
5		" FLR		ug/ft ²
6		LivingRm FLR		ug/ft ²
7		" - Win		ug/ft ²
8		" - FLR		ug/ft ²
9		" - FLR		ug/ft ²
10		BedRm Win		ug/ft ²
11		BedRm Win		ug/ft ²
12		LivingRm FLR		ug/ft ²
13		" Win		ug/ft ²
14		LivingRm Win		ug/ft ²
15		BedRm Win		ug/ft ²
16		LivingRm Win		ug/ft ²
17		LivingRm Win		ug/ft ²
18		BedRm Win		ug/ft ²
19		LivingRm Win		ug/ft ²
20		BedRm Win		ug/ft ²

P11

20 = Total Number of Samples on this Page

Sampled by (Inspector's Name):

Received at Lab by:

Laboratory Name:

[Signature]
[Signature] at ALC

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3026

The First Choice for Environmental Testing & Consulting

CHAIN OF CUSTODY

DATE OF SAMPLING: / /

PROJECT NAME:

LeFrak Organization - Gateway Plaza

PROJECT ADDRESS:

TURN AROUND TIME (circle one):

4hr 12hr 24hr 48hr 72hr

Sample #	Material	Area Being Sampled	Home Area	Result of Lab Analysis
21	Miscellaneous	APT	LVRM WIN	ug/m ³
22		PII	1 BEDRM WIN	ug/m ³
23			2 BEDRM WIN	ug/m ³
24			KIDS LOUNGER	ug/m ³
25				ug/m ³
26				ug/m ³
27				ug/m ³
28				ug/m ³
29				ug/m ³
30				ug/m ³
31				ug/m ³
32				ug/m ³
33				ug/m ³
34				ug/m ³
35				ug/m ³
36				ug/m ³
37				ug/m ³
38				ug/m ³
39				ug/m ³
40				ug/m ³

4 = Total Number of Samples on this Page

Sampled by (Inspector's Name):

Received at Lab by:

Laboratory Name:

[Signature]
[Signature] at ALC

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NYCAP 101107
NYCAP 101175
Microscopic Analysis

Client / Project ALC / 375 South End Ave

Project No

Analysis Date

Analyst

10/2/11

Batch No 3026

1	Field No <u>5</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>tan</u>	Texture <u>F</u>	Extinction <u>11</u>	Morphology <u>wt</u>	Extinction <u>11</u>	<u>70</u> Chrysotile	<u>20</u> Cellulose	<u>10</u> Mineral Filler	Organic
	Homogeneity <u>X</u>	Asbestos <u>0</u>	RII <u>11</u>	DS Color <u>wt</u>	RII <u>11</u>	<u>30</u> Amosite	<u>30</u> Fiberglass	Organic Binders	Residue
	# of Layers <u>1</u>	Detected Yes <u>No</u>	Color Pico <u>11</u>	Blot <u>11</u>	Color Pico <u>11</u>	Other	Other	Vermiculite	Carbonate
	Comments:		Sign <u>+</u>		Sign <u>+</u>			Other	Other
	Method: ☐ 10x ☐ 20x ☐ 40x ☐ 100x ☐ 200x ☐ 400x ☐ 1000x								

2	Field No <u>6</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>tan</u>	Texture <u>F</u>	Extinction <u>11</u>	Morphology <u>wt</u>	Extinction <u>11</u>	<u>70</u> Chrysotile	<u>20</u> Cellulose	<u>10</u> Mineral Filler	Organic
	Homogeneity <u>X</u>	Asbestos <u>0</u>	RII <u>11</u>	DS Color <u>wt</u>	RII <u>11</u>	<u>30</u> Amosite	<u>30</u> Fiberglass	Organic Binders	Residue
	# of Layers <u>1</u>	Detected Yes <u>No</u>	Color Pico <u>11</u>	Blot <u>11</u>	Color Pico <u>11</u>	Other	Other	Vermiculite	Carbonate
	Comments:		Sign <u>+</u>		Sign <u>+</u>			Other	Other
	Method: ☐ 10x ☐ 20x ☐ 40x ☐ 100x ☐ 200x ☐ 400x ☐ 1000x								

3	Field No <u>7</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>tan</u>	Texture <u>F</u>	Extinction <u>11</u>	Morphology <u>wt</u>	Extinction <u>11</u>	<u>70</u> Chrysotile	<u>20</u> Cellulose	<u>10</u> Mineral Filler	Organic
	Homogeneity <u>X</u>	Asbestos <u>0</u>	RII <u>11</u>	DS Color <u>wt</u>	RII <u>11</u>	<u>30</u> Amosite	<u>30</u> Fiberglass	Organic Binders	Residue
	# of Layers <u>1</u>	Detected Yes <u>No</u>	Color Pico <u>11</u>	Blot <u>11</u>	Color Pico <u>11</u>	Other	Other	Vermiculite	Carbonate
	Comments:		Sign <u>+</u>		Sign <u>+</u>			Other	Other
	Method: ☐ 10x ☐ 20x ☐ 40x ☐ 100x ☐ 200x ☐ 400x ☐ 1000x								

4	Field No <u>8</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
	Color <u>tan</u>	Texture <u>F</u>	Extinction <u>11</u>	Morphology <u>wt</u>	Extinction <u>11</u>	<u>70</u> Chrysotile	<u>20</u> Cellulose	<u>10</u> Mineral Filler	Organic
	Homogeneity <u>X</u>	Asbestos <u>0</u>	RII <u>11</u>	DS Color <u>wt</u>	RII <u>11</u>	<u>30</u> Amosite	<u>30</u> Fiberglass	Organic Binders	Residue
	# of Layers <u>1</u>	Detected Yes <u>No</u>	Color Pico <u>11</u>	Blot <u>11</u>	Color Pico <u>11</u>	Other	Other	Vermiculite	Carbonate
	Comments:		Sign <u>+</u>		Sign <u>+</u>			Other	Other
	Method: ☐ 10x ☐ 20x ☐ 40x ☐ 100x ☐ 200x ☐ 400x ☐ 1000x								

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NYLAP 10110
E1AP 10878
Microscope Only (P111)

Client / Project ALC / 375 South End Ave

Project No

3026

Analysis Date 10/2/11 Analyst mu

Batch No

1	Field No. <u>9</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (JOB) Results %
	Color <u>Tan</u>	Texture <u>F</u>	Extinction <u>11</u>	Morphology <u>W</u>	RI <u>1.5</u>	Chrysotile <u>25</u>	Cellulose <u>35</u>	Mineral Fiber <u>40</u>	Organic <u>Residue</u>
	Homogeneity <u>Y</u>	Asbestos <u>Y</u>	DS Color <u>LS</u>	DS Color <u>LS</u>	Color Pile <u>LS</u>	Anatase <u>0</u>	Fiberglass <u>0</u>	Organic Binders <u>0</u>	Residue <u>0</u>
	Color of Layer <u>Y</u>	Detected <u>Y</u>	Sign <u>4</u>	Blot <u>4</u>	Sign <u>4</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
	Comments:								
	Method: ☒ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x								

2	Field No. <u>10</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (JOB) Results %
	Color <u>Tan</u>	Texture <u>F</u>	Extinction <u>11</u>	Morphology <u>W</u>	RI <u>1.5</u>	Chrysotile <u>45</u>	Cellulose <u>10</u>	Mineral Fiber <u>35</u>	Organic <u>Residue</u>
	Homogeneity <u>Y</u>	Asbestos <u>Y</u>	DS Color <u>LS</u>	DS Color <u>LS</u>	Color Pile <u>LS</u>	Anatase <u>0</u>	Fiberglass <u>0</u>	Organic Binders <u>0</u>	Residue <u>0</u>
	Color of Layer <u>Y</u>	Detected <u>Y</u>	Sign <u>4</u>	Blot <u>4</u>	Sign <u>4</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
	Comments:								
	Method: ☒ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x								

3	Field No. <u>11</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (JOB) Results %
	Color <u>Tan</u>	Texture <u>F</u>	Extinction <u>11</u>	Morphology <u>W</u>	RI <u>1.5</u>	Chrysotile <u>45</u>	Cellulose <u>10</u>	Mineral Fiber <u>35</u>	Organic <u>Residue</u>
	Homogeneity <u>Y</u>	Asbestos <u>Y</u>	DS Color <u>LS</u>	DS Color <u>LS</u>	Color Pile <u>LS</u>	Anatase <u>0</u>	Fiberglass <u>0</u>	Organic Binders <u>0</u>	Residue <u>0</u>
	Color of Layer <u>Y</u>	Detected <u>Y</u>	Sign <u>4</u>	Blot <u>4</u>	Sign <u>4</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
	Comments:								
	Method: ☒ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x								

4	Field No. <u>12</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (JOB) Results %
	Color <u>Tan</u>	Texture <u>F</u>	Extinction <u>11</u>	Morphology <u>W</u>	RI <u>1.5</u>	Chrysotile <u>45</u>	Cellulose <u>10</u>	Mineral Fiber <u>35</u>	Organic <u>Residue</u>
	Homogeneity <u>Y</u>	Asbestos <u>Y</u>	DS Color <u>LS</u>	DS Color <u>LS</u>	Color Pile <u>LS</u>	Anatase <u>0</u>	Fiberglass <u>0</u>	Organic Binders <u>0</u>	Residue <u>0</u>
	Color of Layer <u>Y</u>	Detected <u>Y</u>	Sign <u>4</u>	Blot <u>4</u>	Sign <u>4</u>	Other <u>0</u>	Other <u>0</u>	Vermiculite <u>0</u>	Carbonate <u>0</u>
	Comments:								
	Method: ☒ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x ☐ 100x								

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NYLAP 101187

ELAP 10070

Microscope On VP B11.2

Client / Project

ALC / 375 South End Ave

Project No.

3026

Analysis Date

10/2/01

Analyst

jw

1	Field No. 13	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
		Color	Texture	Morphology	Extinction	Chrysotile	Cellulose	Mineral Fiber	Organic
		Homogeneity	Asbestos	RI I	RI II	Anhydrite	Fiberglass	Organic Binders	Residue
		# of Layers	Detected	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
		Color of Layer	Yes No	Biref	Sign		0.0	Other	Other
		Comments:					0.0		Asbestos
		Method: ☐ 10X ☐ 20X ☐ 40X ☐ 60X ☐ 80X ☐ 100X	SCANNING CENTER, BUFFALO, NY		Total Spores Asbestos = 0				

2	Field No. 14	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
		Color	Texture	Morphology	Extinction	Chrysotile	Cellulose	Mineral Fiber	Organic
		Homogeneity	Asbestos	RI I	RI II	Anhydrite	Fiberglass	Organic Binders	Residue
		# of Layers	Detected	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
		Color of Layer	Yes No	Biref	Sign		0.0	Other	Other
		Comments:					0.0		Asbestos
		Method: ☐ 10X ☐ 20X ☐ 40X ☐ 60X ☐ 80X ☐ 100X	SCANNING CENTER, BUFFALO, NY		Total Spores Asbestos = 0				

3	Field No. 15	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
		Color	Texture	Morphology	Extinction	Chrysotile	Cellulose	Mineral Fiber	Organic
		Homogeneity	Asbestos	RI I	RI II	Anhydrite	Fiberglass	Organic Binders	Residue
		# of Layers	Detected	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
		Color of Layer	Yes No	Biref	Sign		0.0	Other	Other
		Comments:					0.0		Asbestos
		Method: ☐ 10X ☐ 20X ☐ 40X ☐ 60X ☐ 80X ☐ 100X	SCANNING CENTER, BUFFALO, NY		Total Spores Asbestos = 0				

4	Field No. 16	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
		Color	Texture	Morphology	Extinction	Chrysotile	Cellulose	Mineral Fiber	Organic
		Homogeneity	Asbestos	RI I	RI II	Anhydrite	Fiberglass	Organic Binders	Residue
		# of Layers	Detected	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
		Color of Layer	Yes No	Biref	Sign		0.0	Other	Other
		Comments:					0.0		Asbestos
		Method: ☐ 10X ☐ 20X ☐ 40X ☐ 60X ☐ 80X ☐ 100X	SCANNING CENTER, BUFFALO, NY		Total Spores Asbestos = 0				

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ELAP 10/18/8

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Batch No

3026

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
1	Color: <u>tan</u> Homogeneity: <u>Y</u> # of Layers: <u>2</u> Color of Layer: <u>tan</u> Comments:	Morphology: <u>wt</u> RI: <u>1.5</u> DS Color: <u>tan</u> Biref: <u>Sign</u>	Chrysotile: <u>70</u> Amosite: <u>0</u> Other: <u>0</u>	Cellulose: <u>20</u> Fiberglass: <u>25</u> Other: <u>0</u>	Mineral Filler: <u>45</u> Organic Binders: <u>0</u> Vermiculite: <u>0</u> Other: <u>0</u>	Organic: <u>0</u> Residue: <u>0</u> Carbonate: <u>0</u> Other: <u>0</u> Asbestos: <u>0</u>
2	Color: <u>tan</u> Homogeneity: <u>Y</u> # of Layers: <u>2</u> Color of Layer: <u>tan</u> Comments:	Morphology: <u>wt</u> RI: <u>1.5</u> DS Color: <u>tan</u> Biref: <u>Sign</u>	Chrysotile: <u>70</u> Amosite: <u>0</u> Other: <u>0</u>	Cellulose: <u>20</u> Fiberglass: <u>25</u> Other: <u>0</u>	Mineral Filler: <u>45</u> Organic Binders: <u>0</u> Vermiculite: <u>0</u> Other: <u>0</u>	Organic: <u>0</u> Residue: <u>0</u> Carbonate: <u>0</u> Other: <u>0</u> Asbestos: <u>0</u>
3	Color: <u>tan</u> Homogeneity: <u>Y</u> # of Layers: <u>2</u> Color of Layer: <u>tan</u> Comments:	Morphology: <u>wt</u> RI: <u>1.5</u> DS Color: <u>tan</u> Biref: <u>Sign</u>	Chrysotile: <u>70</u> Amosite: <u>0</u> Other: <u>0</u>	Cellulose: <u>20</u> Fiberglass: <u>25</u> Other: <u>0</u>	Mineral Filler: <u>45</u> Organic Binders: <u>0</u> Vermiculite: <u>0</u> Other: <u>0</u>	Organic: <u>0</u> Residue: <u>0</u> Carbonate: <u>0</u> Other: <u>0</u> Asbestos: <u>0</u>
4	Color: <u>tan</u> Homogeneity: <u>Y</u> # of Layers: <u>2</u> Color of Layer: <u>tan</u> Comments:	Morphology: <u>wt</u> RI: <u>1.5</u> DS Color: <u>tan</u> Biref: <u>Sign</u>	Chrysotile: <u>70</u> Amosite: <u>0</u> Other: <u>0</u>	Cellulose: <u>20</u> Fiberglass: <u>25</u> Other: <u>0</u>	Mineral Filler: <u>45</u> Organic Binders: <u>0</u> Vermiculite: <u>0</u> Other: <u>0</u>	Organic: <u>0</u> Residue: <u>0</u> Carbonate: <u>0</u> Other: <u>0</u> Asbestos: <u>0</u>

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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JULIAP 101107

ELAP 10079

MICROSCOPY ONLY P-111.7

Client / Project

ALC / 375 South End Ave

Project No

Analysis Date

10/26/11

Analyst

pms

Batch No

3026

Field No	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Fibrous %	Gravimetric (HOB) Results %
1	Color: <u>tan</u> Homogeneity: <u>yes</u> # of Layers: <u>1</u> Color of Layer: <u>tan</u> Comments:	Morphology: <u>fibrous</u> RI I: <u>1.5</u> RI II: <u>1.5</u> DS Color: <u>tan</u> Biref: <u>sign</u>	Chrysotile Amphibole Other: <u>yes</u>	Cellulose Fiberglass Other: <u>yes</u>	Mineral Fiber Organic Binders Vermiculite Other: <u>yes</u>	Organic Residue Carbonate Other Asbestos
2	Color: <u>tan</u> Homogeneity: <u>yes</u> # of Layers: <u>1</u> Color of Layer: <u>tan</u> Comments:	Morphology: <u>fibrous</u> RI I: <u>1.5</u> RI II: <u>1.5</u> DS Color: <u>tan</u> Biref: <u>sign</u>	Chrysotile Amphibole Other: <u>yes</u>	Cellulose Fiberglass Other: <u>yes</u>	Mineral Fiber Organic Binders Vermiculite Other: <u>yes</u>	Organic Residue Carbonate Other Asbestos
3	Color: <u>tan</u> Homogeneity: <u>yes</u> # of Layers: <u>1</u> Color of Layer: <u>tan</u> Comments:	Morphology: <u>fibrous</u> RI I: <u>1.5</u> RI II: <u>1.5</u> DS Color: <u>tan</u> Biref: <u>sign</u>	Chrysotile Amphibole Other: <u>yes</u>	Cellulose Fiberglass Other: <u>yes</u>	Mineral Fiber Organic Binders Vermiculite Other: <u>yes</u>	Organic Residue Carbonate Other Asbestos
4	Color: <u>tan</u> Homogeneity: <u>yes</u> # of Layers: <u>1</u> Color of Layer: <u>tan</u> Comments:	Morphology: <u>fibrous</u> RI I: <u>1.5</u> RI II: <u>1.5</u> DS Color: <u>tan</u> Biref: <u>sign</u>	Chrysotile Amphibole Other: <u>yes</u>	Cellulose Fiberglass Other: <u>yes</u>	Mineral Fiber Organic Binders Vermiculite Other: <u>yes</u>	Organic Residue Carbonate Other Asbestos

7.14 Air Sampling Results



115 W. 30th Street
New York, New York 10010
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212.353.8280
Fax 212.353.8306

October 12, 2001

ATC 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. 5671.

Client: Gateway Plaza Mngt. Corp.
Project Name: Building 400 at Gateway Plaza - 175 South End Ave.
Location: Various Sites
Samples received: 10/12/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. As indicated on the attached Summary Results sheet, less than 70 asbestos structures per mm² was detected in all of the thirty samples submitted from the site.

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

1) Value of T - Stochastic N/A

Average

N/A

N/A

N/A

* None detected: concentration equivalent to analytical sensitivity assigned

.....
This test report relates only to the specific items cited in the analysis

The analysis was carried out according to the approved TEM method. The laboratory is in compliance with the quality specified for the method.

This report must not be used by the client to claim product endorsement by NYSAP or any agency of the U.S. Government.

up
Analyzed by:
Marek Peysakhov

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

ATC ENVIRONMENTAL, INC.
104 East 25th Street
New York, NY 10010

APPROVED NY STATE DOH SLIP # 10879
ACCREDITED NYSID Lab Code # 1107

Summary of TEM Results

ATC ENVIRONMENTAL
110 W. 10th Street, 11th Fl
New York, NY 10001
Mr. Joshua Szefer

DATE 07/12/01

Project/Site Identification: Gateway Plaza Mgmt. Corp., 375 South End Ave., NY
Bldg. 400, Various Sites

CONCLUSION:

STATISTICAL SUMMARY

1) Inside Samples

TEMP	Project #	Volume (L)	g/dm ³	Asbestos Concentration	g/L	ppm/m ³
		Average	N/A	N/A	N/A	N/A

2) Outside Sampling

TEMP	Project #	Volume (L)	g/dm ³	Asbestos Concentration	g/L	ppm/m ³
5671- 60957	1	1800	0.0	0.0048 *		
5671- 60958	2	1800	0.0	0.0048 *		
5671- 60959	3	1800	0.0	0.0048 *		
5671- 60960	4	1800	0.0	0.0048 *		
5671- 60961	5	1800	0.0	0.0048 *		
5671- 60962	6	1800	0.0	0.0048 *		
5671- 60963	7	1800	0.0	0.0048 *		
5671- 60964	8	1800	0.0	0.0048 *		
5671- 60965	9	1800	0.0	0.0048 *		
5671- 60966	10	1800	0.0	0.0048 *		
5671- 60967	11	1800	0.0	0.0048 *		
5671- 60968	12	1800	0.0	0.0048 *		
5671- 60969	13	1800	0.0	0.0048 *		
5671- 60970	14	1800	0.0	0.0048 *		
5671- 60971	15	1800	0.0	0.0048 *		
5671- 60972	16	1800	0.0	0.0048 *		
5671- 60973	17	1800	0.0	0.0048 *		
5671- 60974	18	1800	0.0	0.0048 *		
5671- 60975	19	1800	0.0	0.0048 *		
5671- 60976	20	1800	0.0	0.0048 *		
5671- 60977	21	1800	0.0	0.0048 *		
5671- 60978	22	1800	0.0	0.0048 *		
5671- 60979	23	1800	0.0	0.0048 *		
5671- 60980	24	1800	0.0	0.0048 *		
5671- 60981	25	1800	0.0	0.0048 *		
5671- 60982	26	1800	0.0	0.0048 *		
5671- 60983	27	1800	22.2	0.0048 *		
5671- 60984	28	1800	0.0	0.0048 *		
5671- 60985	29	1800	22.2	0.0048 *		
5671- 60986	30	1800	22.2	0.0048 *		
		Average	0.0	0.0048 *		

3) Blanks

TEMP	Project #	g/dm ³	Asbestos Concentration	g/L	ppm/m ³
5671- 60987	31	-	Not Analyzed	-	-
5671- 60988	32	-	Not Analyzed	-	-
5671- 60989	33	-	Not Analyzed	-	-
5671- 60990	34	-	Not Analyzed	-	-

The First Choice for Environmental Testing & Consulting

Client:

Sampled By:

Work Area:

Amperex Air Sampling Data Form

60957-60490

Date:

10-11-01

Rotometer #:

Project #:

1743

Sample #	Lab #	Sample Location	Code	Time	Total Minutes	Flow Rate	Start	Stop	Time	Volume	# Fibers /100 Fields	Results
1		Apt PII	4	1030	1330	10.0	10.0	10.0	1800			<22.3
2		6th floor, Hallway East.	4	1031	1331	10.0	10.0	10.0	1800			<22.3
3		Apt PII	4	1032	1332	10.0	10.0	10.0	1800			<22.3
4		6th floor, Hallway West.	4	1033	1333	10.0	10.0	10.0	1800			<22.3
5		Apt PII	4	1034	1334	10.0	10.0	10.0	1800			66.9
6		Living Rm.	4	1035	1335	10.0	10.0	10.0	1800			<22.3
7		5th floor, Hallway East.	4	1036	1336	10.0	10.0	10.0	1800			<22.3
8		5th floor, Hallway West.	4	1037	1337	10.0	10.0	10.0	1800			<22.3
				1038	1338	10.0	10.0	10.0	1800			<22.3

Codes

1. Pre-Test

2. Project

3. Final

4. Investigative

5. Personal

6. DuA/C

7. Inside Work Area

8. Outside Work Area

9. Same Day (1 hr)

10. ASAP

11. 2 Day (48hr)

12. Transformed

13. FCM NIOSH 7400

Analysis

Rolling/Filtered

Analyst

Date/Time

Received

Disposal By/Date

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2084

Asbestos Air Sampling Data Form

Client: Gateway Plaza
 Sampled By: H. Kozlowski
 Work Area: 375 South Street - Bldg. 400 - 6th - 1st Fls.

Date: 10-11-01

Project #: 10-11-01

Rotometer #: 6th - 1st Fls.

Sample #	Lab #	Sample Location	Code	Time	Total Minutes	Flow Rate	Total Volume	4 Fibers / 100 Ft ³ Air	Remarks
9		P11 - Living Rm.	4	1039	1339	10.0	1800	<22.3	
10		P11 - Living Rm.	4	1040	1340	10.0	1800	<22.3	
11		P11 - Living Rm.	4	1045	1345	10.0	1800	<22.3	
12		4th floor, Hallway East	4	1046	1346	10.0	1800	<22.3	
13		4th floor, Hallway West	4	1047	1347	10.0	1800	<22.3	
14		P11 - Living Rm.	4	1048	1348	10.0	1800	44.6	
15		P11 - Living Rm.	4	1049	1349	10.0	1800	<22.3	
16		P11 - Living Rm.	4	1055	1355	10.0	1800	<22.3	

Analysis: ☒ TIM AHERA ☐ TIM Philadelphia
 Requisitioned: ☒ Gateway Plaza ☐ Same Day (1 day)
 Analyst: AEC-TECH By: R. Kelly Date/Time: 10/12/01

Received: 10/12/01
 Disposal By/Date: 10/12/01
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New York, New York 10010
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212.353.8280
Fax 212.353.8306

October 11, 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. 5661.

Client: Gateway Plaza Mngt. Corp.
Project Name: Building 400 at Gateway Plaza - 375 South End Ave.
Location: Various Sites
Samples received: 10/10/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. As indicated on the attached Summary Results sheet, less than 70 asbestos structures per mm² was detected in all of the twenty-five samples submitted from the site.

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

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

Please contact me regarding any questions relating to these materials.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'Michael A. Gorycki'.

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

ATC ENVIRONMENTAL, INC.
104 East 25th Street
New York, NY 10010

APPROVED NY STATE DOH SLAP # 10879
ACCREDITED NVLAP Lab Code # 1187

Summary of TEM Results

ATC Environmental
115 W 30th Street, 11th Fl
New York, NY 10001
Mr. Joshua Saret

DATE: 10/11/01

Project/Site Identification: Gateway Plaza Mont. Corp., 375 South End Ave.
Building 400, 11th to 7th Floors

CONCLUSION:

STATISTICAL SUMMARY

1) Inside Samples

TEM#	Project #	Volume(l)	Asbestos Concentration		
			S/mm ²	S/cc	ngm/m ³
		Average=	N/A	N/A	N/A

2) Outside Samples

TEM#	Project #	Volume(l)	S/mm ²	S/cc	ngm/m ³
5661- 60868	1	1800	22.2	0.0048	
5661- 60869	2	1800	22.2	0.0048	
5661- 60870	3	1800	22.2	0.0048	
5661- 60871	4	1800	0.0	0.0048 *	
5661- 60872	5	1800	0.0	0.0048 *	
5661- 60873	6	1800	0.0	0.0048 *	
5661- 60874	7	1800	0.0	0.0048 *	
5661- 60875	8	1800	0.0	0.0048 *	
5661- 60876	9	1800	0.0	0.0048 *	
5661- 60877	10	1800	44.5	0.0095	
5661- 60878	11	1800	0.0	0.0048 *	
5661- 60879	12	1800	22.2	0.0048	
5661- 60880	13	1800	44.5	0.0095	
5661- 60881	14	1800	22.2	0.0048	
5661- 60882	15	1800	0.0	0.0048 *	
5661- 60883	16	1800	22.2	0.0048	
5661- 60884	17	1800	22.2	0.0048	
5661- 60885	18	1800	0.0	0.0048 *	
5661- 60886	19	1800	0.0	0.0048 *	
5661- 60887	20	1800	22.2	0.0048	
5661- 60888	21	1800	0.0	0.0048 *	
5661- 60889	22	1800	44.5	0.0095	
5661- 60890	23	1800	22.2	0.0048	
5661- 60891	24	1800	0.0	0.0048 *	
5661- 60892	25	1800	0.0	0.0048 *	
		Average=	13.3	0.0054	94

3) Blanks

TEM#	Project #	S/mm ²	S/cc	ngm/m ³
5661- 60893	26		Not Analyzed	
5661- 60894	27		Not Analyzed	
5661- 60895	28		Not Analyzed	
5661- 60896	29		Not Analyzed	
		Average=	N/A	N/A

4) Value of T - Statistic : N/A

* None detected; concentration equivalent to analytical sensitivity assigned.

This test report relates only to the specific items cited in the analysis.

The analysis was carried out according to the approved T2M method. The laboratory is in compliance with the quality specified for the method.

This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government

Analyzed by:
Marek Peysakhov


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

1 of 4



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Client: 586 Gateway Plaza MGMT. Corp. 25/29
 Sampled By: A. Korkiell
 Work Area: 375 Southern Ave NYC - Bldg. 400 - 11th - 7th Fls.
 Rotometer #: #2
 Project #: 10-10-01
 Date: 10-10-01
 Settling: 2000

Sample #	Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	Results (file)
				Start	Stop		Start	Stop		
1		Apt # <u>11</u> Living Rm.	4	1030	1030	180	10.0	10.0	1800	
2		11th floor, Hallway East.	4	1031	1031	180	10.0	10.0	1800	
3		11th floor, Hallway West.	4	1032	1032	180	10.0	10.0	1800	
4		Apt # <u>11</u> Living Rm.	4	1033	1033	180	10.0	10.0	1800	
5		Apt # <u>11</u> Living Rm.	4	1034	1034	180	10.0	10.0	1800	
6		Apt # <u>11</u> Living Rm.	4	1036	1036	180	10.0	10.0	1800	
7		10th floor, Hallway East.	4	1037	1037	180	10.0	10.0	1800	
8		10th floor, Hallway West.	4	1038	1038	180	10.0	10.0	1800	

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. Duplicate
 Analysis: ☒ TEM ALPHA ☐ TEM PHASED ☐ PCM NIOSH 7400
 Turnaround: ☐ 2 Day ☐ 5 Day ☐ Same Day (12 hr)
 Received: 10/10/01 Date/Time: 10/10/01
 Disposal By/Date: 10/10/01

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2 of 4



The First Choice for Environmental Testing & Consulting

Asbestos Air Sampling Data Form

Client: Gateway Plaza Mgmt. Corp.

Date: 10-10-01

#2

Rotameter #: 1741-71415

Project #: 10-10-01

Sampled By: A. Rodriguez Jr.

Work Area: 375 Southend Ave. NYC - Bldg. 4500

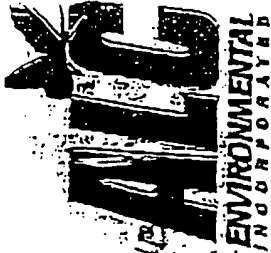
Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
9	Apt # 4 - Living Rm.	4	1039	1239	180	10.0	10.0	1800		
10	Apt # 4 - Living Rm.	4	1040	1240	180	10.0	10.0	1800		
11	Apt # 4 - Living Rm.	4	1430	1630	180	10.0	10.0	1800		
12	Apt # 4 - Living Rm.	4	1431	1631	180	10.0	10.0	1800		
13	9th floor, Hallway - East	4	1432	1632	180	10.0	10.0	1800		
14	9th floor, Hallway - West	4	1433	1633	180	10.0	10.0	1800		
15	Apt # 4 - Living Rm.	4	1434	1634	180	10.0	10.0	1800		
16	Apt # 4 - Living Rm.	4	1435	1635	180	10.0	10.0	1800		

☒ 1. Pro-Tect
☒ 2. Project
☒ 3. Final
☒ 4. Investigative
☒ 5. Personal
☒ 6. Drawings
☒ 7. TWA
☒ 8. Excursion
☒ 9. TWA
☒ 10. Same Day (12hr)
☐ 11. 2 Day (48hr)
☐ 12. ASAP

Relinquished By: A. Rodriguez Jr. Date/Time: 10/10/01
 Analyzed By: _____ Date/Time: _____
 Disposed By/Date: _____

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3 of 4



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Asbestos Air Sampling Data Form

Client: 555 Gateway Plaza Mgmt. Corp. Date: 10-0-01
 Sampled By: #100011111 Rotometer #: 144-744.45 Project #: C95242-2001-744
 Work Area: 375 South Street Ave NYC - Bldg. 400

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers / 100 (1/10)	Results (cc)
			Start	Stop		Start	Stop			
17	Apt # <u>11</u> - Living Rm.	4	1437	1437	180	10.0	10.0	1800		
18	Apt # <u>11</u> - Living Rm.	4	1438	1438	180	10.0	10.0	1800		
19	8th floor, Hallway East.	4	1439	1439	180	10.0	10.0	1800		
20	8th floor, Hallway West.	4	1440	1440	180	10.0	10.0	1800		
21	Apt # <u>11</u> - Living Rm.	4	1500	1800	180	10.0	10.0	1800		
22	Apt # <u>11</u> - Living Rm.	4	1501	1801	180	10.0	10.0	1800		
23	7th floor, Hallway East.	4	1502	1802	180	10.0	10.0	1800		
24	7th floor, Hallway West.	4	1503	1803	180	10.0	10.0	1800		

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. J44-1111

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

Remediation: ☐ ARAP ☐ 2 Day (48hr) ☐ Same Day (24hr)

Received: 10/1/01 Date/Time: 10/1/01

Relinquished: 10/1/01 Date/Time: 10/1/01
 Analylist: ATC/TEM/1111 Disposal By/Date: 10/1/01

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October 9, 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. 5648.

Client: Midstate
Project Name: Building 400 at Gateway Plaza - 375 South End Ave.
Location: Various Sites
Samples received: 10/09/01

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

Results reported as Struct/cc are a function of air volume collected in the field and are, as such, not verifiable by this laboratory. This report may be reproduced only in its entirety and not without prior permission of this laboratory. If 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

3 of 4



The First Choice for Environmental Testing & Consulting

Asbestos Air Sampling Data Form

Client: Mid-State Date: 10-9-01
 Sampled By: H. KODAKA Rotometer #: 42 Project #: 10-9-01
 Work Area: 275 South Main Ave NYC - Bldg. 400 - 18th - 12th Fls. Casette ZETA #743

Sample #	Lab #	Sample Location	Code	Time	Total Minutes	Flow Rate	Total Volume	# Fibers /100 Fields	Results (f/cc)
17		15th Floor Hallway East	4	Start 1516 Stop 1816	180	10.0	1800		< 22.3
18		15th Floor Hallway West	4	Start 1518 Stop 1818	180	10.0	1800		< 22.3
19		Apt # PII - Living Rm.	4	Start 1550 Stop 1850	180	10.0	1800		< 22.3
20		Apt # PII - Living Rm.	4	Start 1557 Stop 1857	180	10.0	1800		< 22.3
21		Apt # PII - Living Rm.	4	Start 1554 Stop 1854	180	10.0	1800		< 22.3
22		Apt # PII - Living Rm.	4	Start 1556 Stop 1856	180	10.0	1800		< 22.3
23		14th Floor Hallway East	4	Start 1557 Stop 1857	180	10.0	1800		< 22.3
24		14th Floor Hallway West	4	Start 1558 Stop 1858	180	10.0	1800		< 22.3

Code: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. Duplicate
 Analysis: ☒ TEM AHERA ☐ PCM NIOSH 7400
☐ TIM Philadelphia
 Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (1 day)

Relinquished: Alfred King Jr. Date/Time: 10/10/01 5:55 PM
 Analyst: Alfred King Jr. Received: 10/10/01 5:55 PM
 Disposal By/Date: 10/10/01 5:55 PM

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October 9, 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. 5642.

Client: Midstate/Lefrak, Gateway Plaza
Project Name: Bldg. 400, 375 South End Avenue, NY, NY
Location: Various Sites
Samples received: 10/09/01

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

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

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

Please contact me regarding any questions relating to these materials.

Very truly yours,

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

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Asbestos Air Sampling Data Form

Client:

Sampled By:

Work Area:

Sample #

Lab #

MIDWAY/LEFEBRE 30832 60631-60662 Date: 10-8-01 - 10-9-01

Rotometer #: 401

Project #:

Sample #	Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Vials /100 Ft ² /s	# Canisters
				Start	Stop		Start	Stop			
1		APT P=	4	9:00 PM	12:40 AM	180	10	10	1800		<22.3
2		APT P=	4	9:45 PM	12:45 AM	180	10	10	1800		<22.3
3		APT P=	4	9:50 PM	12:50 AM	180	10	10	1800		<22.3
4		APT P=	4	9:55 PM	12:55 AM	180	10	10	1800		<22.3
5		APT P=	4	10:00 PM	1:00 AM	180	10	10	1800		<22.3
6		APT P=	4	10:05 PM	1:05 AM	180	10	10	1800		<22.3
7		APT P=	4	10:10 PM	1:10 AM	180	10	10	1800		<22.3
8		APT P=	4	10:15 PM	1:15 AM	180	10	10	1800		<22.3

Codes 1. Pre-Test 2. Project

3. Final 4. Investigative

5. Personal 6. Data Log

A. Aggressive B. Dormant

I. Inside Work Area O. Outside Work Area

E. Horizontal F. Vertical

Analyte

☒ THERMAL/HAZAR
☐ THERMAL/HAZAR

Turnaround

☐ ASAP
☐ 2 Day (48hr)

☐ Same Day (24hr)
☒ K15A

Relinquished

A. BLAKE Date/Time

ATC-TEM BY RLY 10:09:01

Received ATC JD

Date/Time 10/9/01 7:00

Analyst

ATC-TEM BY RLY 10:09:01

Disposal By/Date

Date/Time 10/9/01 7:00

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BUILDING # 400

Asbestos Air Sampling Data Form

Client: MD STATE / L&PARK Date: 10-9-01

Sampled By: A. BLAKES Rotometer #: 001 Project #: MANHATTAN

Work Area: GATEWAY PLAZA BUILDING 400, 375 SOUTH ST. AVE

Sample # / Lab #	Sample Location	Cools	Time		Total Minutes	Flow Rate		Total Volume	# Fibers / 100 Fields	Results
			Start	Stop		Start	Stop			
17	APT LIVING RM	4	1:55 PM	4:55 PM	180	10	10	1800		Fiber/m2 <22.3
18	APT BED ROOM	4	2:00 PM	5:00 PM	180	10	10	1800		<22.3
19	APT LIVING ROOM #1	4	2:05 PM	5:05 PM	180	10	10	1800		<22.3
20	APT BED ROOM	4	2:10 PM	5:10 PM	180	10	10	1800		<22.3
21	HALLWAY 21 FLK OUTSIDE APT 21	4	2:15 PM	5:15 PM	180	10	10	1800		<22.3
22	APT LIVING RM / BED RM	4	2:20 PM	5:20 PM	180	10	10	1800		<22.3
23	APT BED ROOM	4	2:25 PM	5:25 PM	180	10	10	1800		<22.3
24	APT LIVING ROOM	4	2:28 PM	5:28 PM	180	10	10	1800		<22.3

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. Other
 Analysis: ☒ TEM AHBR ☐ TEM Philadelphia ☐ PCM NIOSH 7400
 Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☐ Same Day (12hr)
 Received: ATC 10 Date/TIME: 10/9/01 Disposal By/Date: 11:40 AM

Reinspected: A. BLAKES Date/Time: 10-09-01
 Analyzed: ATC-TEM By: RLY

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5642 BUILDING 400

Asbestos Air Sampling Data Form

Client: MID STATE / C&PRAK
 Sampled By: A. BLAKE
 Work Area: GATEWAY PLAZA BUILDING 400 325 SOUTH ST. AVE. MANHATTAN
 Date: 10-9-01
 Project #: 001
 Rotometer #: 400

Sample #	Lab #	Sample Location	Code	Time	Total Minutes	Flow Rate	Total Volume	# Fibers / 100 Fields	Result
25		BLK-WAY 20 FLR OUTSIDE APT 24	4	2:32 AM - 5:24 AM	180	10	1800		<22.3
26		APT 24 BED ROOM	4	2:36 AM - 5:24 AM	180	10	1800		<22.3
27		APT 24 PII	4	2:40 AM - 5:20 AM	180	10	1800		<22.3
28		APT 24 BED ROOM	4	2:44 AM - 5:44 AM	180	10	1800		<22.3
29		APT 24 PII	4	2:48 AM - 5:48 AM	180	10	1800		<22.3
30		APT 24 BED ROOM	4	2:52 AM - 5:52 AM	180	10	1800		<22.3
31		BLK-WAY 19 FLR OUTSIDE APT 19A	4	2:56 AM - 5:56 AM	180	10	1800		<22.3
32		BLANK	4						

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. Duplicate
 Analysis: ☒ TEM AHURA ☐ TEM Philadelphia ☐ PCM NIOSH 7400
 Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☐ 5 Day (120hr)

Relinquished: A. Blake Date/Time: 10.04.01
 Analyzed: AIC-TEM By: R. Ryan Date/Time: 11.08.01
 Received: AIC-TEM Date/Time: 10.04.01
 Disposed By/Date: 11.08.01

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October 9, 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. 5641.

Client: Lefrak Organization
Project Name: Bldg. 400
Location: Various Sites
Samples received: 10/09/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. As indicated on the attached Summary Results sheet, less than 70 asbestos structures per mm² was detected in all of the twenty-nine samples submitted from the site.

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

Please contact me regarding any questions relating to these materials.

Very truly yours,

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

ATC ENVIRONMENTAL, INC.
104 East 25th Street
New York, NY 10010

APPROVED NY STATE DOH SLAP # 10879
ACCREDITED NYLAP Lab Code # 1187

Summary of TEM Results

ALC Environmental
115 W. 30th Street, 11th Fl
New York, NY 10001
Mr. Joshua Sarrett

DATE 10/09/01

Project/Site Identification: Lefrak Org., Bldg. 400
Various Sites

CONCLUSION:

STATISTICAL SUMMARY

1) Inside Samples

TEM#	Project #	Volume(l)	Asbestos Concentration		
			S/mm ²	S/cc	nm/m ³
		Average	N/A	N/A	N/A

2) Outside Samples

TEM#	Project #	Volume(l)	Asbestos Concentration		
			S/mm ²	S/cc	nm/m ³
5641- 60593	D-1	1800	0.0	0.0048 *	
5641- 60594	D-2	1800	1.0	0.0048 *	
5641- 60595	D-3	1800	0.0	0.0048 *	
5641- 60596	D-4	1800	0.0	0.0048 *	
5641- 60597	D-5	1800	0.0	0.0048 *	
5641- 60598	D-6	1800	0.0	0.0048 *	
5641- 60599	D-7	1800	0.0	0.0048 *	
5641- 60600	D-8	1800	0.0	0.0048 *	
5641- 60601	D-9	1800	0.0	0.0048 *	
5641- 60602	D-10	1800	0.0	0.0048 *	
5641- 60603	D-11	1800	0.0	0.0048 *	
5641- 60604	D-12	1800	0.0	0.0048 *	
5641- 60605	D-13	1800	0.0	0.0048 *	
5641- 60606	D-14	1800	0.0	0.0048 *	
5641- 60607	D-15	1800	0.0	0.0048 *	
5641- 60608	D-16	1800	22.2	0.0048	
5641- 60609	D-17	1800	0.0	0.0048 *	
5641- 60610	D-18	1800	0.0	0.0048 *	
5641- 60611	D-19	1800	0.0	0.0048 *	
5641- 60612	D-20	1800	0.0	0.0048 *	
5641- 60613	D-21	1800	0.0	0.0048 *	
5641- 60614	D-22	1800	0.0	0.0048 *	
5641- 60615	D-23	1800	0.0	0.0048 *	
5641- 60616	D-24	1800	0.0	0.0048 *	
5641- 60617	D-25	1800	0.0	0.0048 *	
5641- 60618	D-26	1800	0.0	0.0048 *	
5641- 60619	D-27	1800	0.0	0.0048 *	
5641- 60620	D-28	1800	0.0	0.0048 *	
5641- 60621	D-29	1800	0.0	0.0048 *	
		Average	0.3	0.0048	5

3) Blanks

TEM#	Project #	Asbestos Concentration		
		S/mm ²	S/cc	nm/m ³
5641- 60622	D-30	Not Analyzed		
5641- 60623	D-31	Not Analyzed		
5641- 60624	D-32	Not Analyzed		
5641- 60625	D-33	Not Analyzed		
	Average	N/A	N/A	N/A

4) Value of T - Statistic : N/A

- None detected: concentration equivalent to analytical sensitivity assigned.

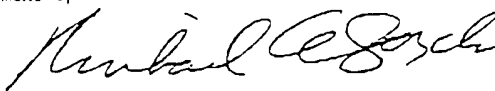
This test report relates only to the specific items cited in the analysis.

The analysis was carried out according to the approved TEM method. The laboratory is in compliance with the quality specified for the method.

This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

RP

Analyzed by:
Roman Peysakhov



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



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PROPERTY
AMBIENTS
PROPERTY
AIR/SEA
AST/THD

Asbestos Air Sampling Data Form

Client: ALC Environmental Date: 10/8/01 Project #: 6043-60625

Sampled By: Benyaguen Rotometer # 824 400

Work Area: Lebanon Degradation Bed 400

Sample #	Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/100m ²)
				Start	Stop		Start	Stop			
D-1		apt 4 Living Room	4	10 ⁰⁰	13 ⁰⁰	180	10	10	1800		<22.3
D-2		30 floor Hallway outside apt 30U	4	10 ⁰²	13 ⁰²	180	10	10	1800		<22.3
D-3		apt 4 Bed Room	4	10 ⁰⁴	13 ⁰⁴	180	10	10	1800		<22.3
D-4		apt 4 Living Room	4	10 ⁰⁶	13 ⁰⁶	180	10	10	1800		<22.3
D-5		30 floor Hallway outside apt 30U	4	10 ⁰⁸	13 ⁰⁸	180	10	10	1800		<22.3
D-6		29 floor Hallway outside apt 29U	4	10 ¹⁵	13 ¹⁵	180	10	10	1800		<22.3
D-7		apt 4 Bed Room	4	10 ¹⁷	13 ¹⁷	180	10	10	1800		<22.3
D-8		apt 4 Living Room	4	10 ¹⁹	13 ¹⁹	180	10	10	1800		<22.3

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

Analysis ☐ TEM AFTER A ☐ TEM Philadelphia ☐ PCM NIOSH 7400

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

Received 10.09.01 Date/Time 10:00 AM

Relinquished Analyst ATTEM By Roy Date/Time 10.09.01 Disposal By/Date 10:00 AM

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5641 6437 2 of 4

Asbestos Air Sampling Data Form

Client:

Sampled By:

Work Area:

Beijing Agency

Leifeng Organization

Date:

Project #:

10/8/01

Rotometer #:

Bed 400

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/100)
			Start	Stop		Start	Stop			
D-9	apt 401 Bedroom	4	10 ²¹	13 ²¹	180	10	10	1800		Flame
D-10	apt 401 Living Room	4	10 ²³	13 ²³	180	10	10	1800		<22.3
D-11	apt 401 Bed Room	4	10 ³⁰	13 ³⁰	180	10	10	1800		<22.3
D-12	28 floor Hallway outside apt 28C	4	10 ³²	13 ³²	180	10	10	1800		<22.3
D-13	28 floor Hallway outside apt 28T	4	10 ³⁴	13 ³⁴	180	10	10	1800		<22.3
D-14	apt 401 Living Room	4	10 ³⁶	13 ³⁶	180	10	10	1800		<22.3
D-15	apt 401 Bedroom	4	10 ³⁸	13 ³⁸	180	10	10	1800		<22.3
D-16	27 floor Hallway outside apt 27U	4	14 ²⁰	17 ²⁰	180	10	10	1800		22.3

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

Analysis: ☐ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400 ☐ ASAP ☐ 2 Day (48hr) ☐ Same Day (12hr) ☐ Pass

Relinquished Analyst: AIC-TEM By: RKT Date/Time: 10/8/01 10:00 AM
 Received: 10/8/01 Date/Time: 10/8/01 10:00 AM
 Disposal By/Date: 10/8/01

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Asbestos Air Sampling Data Form

Client: 5641 ALC Environmental Date: 10/8/01 Project #: 6437 3 of 4

Sampled By: Becky Agnew Rotometer #: 868700

Work Area: LeFrak Degradation

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/m ²)
			Start	Stop		Start	Stop			
D-17	apt PII Living Room	4	1422	1722	180	10	10	1800		<22.3
D-18	apt PII Bedroom	4	1424	1724	180	10	10	1800		<22.3
D-19	267 Coon Hollow outside apt 267	4	1426	1726	180	10	10	1800		<22.3
D-20	apt PII Living Room	4	1428	1728	180	10	10	1800		<22.3
D-21	apt PII Bedroom	4	1435	1735	180	10	10	1800		<22.3
D-22	apt PII Living Room	4	1437	1737	180	10	10	1800		<22.3
D-23	267 Coon Hollow outside apt 267	4	1439	1739	180	10	10	1800		<22.3
D-24	267 Coon Hollow outside apt 267	4	1441	1741	180	10	10	1800		<22.3

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

Analysis: ☐ TEM AHRA ☐ TEM Philadelphia ☐ TEM NIOSH 7400 ☐ ASAP ☐ 2 Day (4hr) ☐ Same Day (12hr) ☐ 2 Day (4hr) ☐ Same Day (12hr)

Relinquished: ATC-TEM By: R. Agnew Date/Time: 10/8/01 10:00 AM

Received: Becky Agnew Date/Time: 10/8/01 10:00 AM

Disposal By/Date: Becky Agnew

Asbestos Air Sampling Data Form

Client:

Sampled By: ALC Environmental

Date:

10/8/01

Project #:

108/01

Work Area:

LeFrak Organization Apt 400

Rotometer #:

APR 400

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (fibers /100 ft ³)
			Start	Stop		Start	Stop			
D-25	apt 400 Bedroom	4	14:43	14:53	180	10	10	1800		< 22.4
D-26	apt 400 Living Room	4	14:50	14:50	180	10	10	1800		< 22.4
D-27	25 floor hallway outside apt 25-H	4	14:52	14:52	180	10	10	1800		< 22.4
D-28	apt 400 Bedroom	4	14:54	14:54	180	10	10	1800		< 22.4
D-29	25 floor hallway outside apt 25-J	4	14:56	14:56	180	10	10	1800		< 22.4
D-30	apt 400 25 floor hallway Bedroom Blank	4	14:58	14:58	180	10	10	1800		
D-31	25 floor hallway Blank									
D-32	25 floor hallway Blank									
D-33	25 floor hallway Blank									

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. Aggravative 7. Inside Work Area 8. Excursion T. TWA

Analysis: ☐ TEM/ASHERA ☐ TEM/Philadelphia ☐ PCM/NIOSH 7400 ☐ ASAP ☐ 2 Day (48hr) ☐ Sample Day (12hr)

Relinquished Date/Time: 10/8/01 1900 Received Date/Time: 10/8/01 1900

Analyst: ALC Environmental Disposal By/Date: 10/8/01 1900

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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 air samples from our Group No. 5632.

Client: Midstate/Leifrak, Gateway Plaza
Project Name: Bldg. 400
Location: Various Sites
Samples received: 10/08/01

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

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

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

Please contact me regarding any questions relating to these materials.

Very truly yours,

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

ATC ENVIRONMENTAL, INC.
104 East 25th Street
New York, NY 10010

APPROVED NY STATE DOH SLAP # 10872
ACCREDITED NYSLAP Lab Code # 1187

Summary of TEM Results

ALC Environmental
115 W. 20th Street, 11th Fl.
New York, NY 10001
Mr. Joshua Saxett

DATE: 10/08/01

Project/Site Identification: Midstate/Lefrak, Gateway Plaza, Bldg. 400
Various Sites

CONCLUSION:

STATISTICAL SUMMARY

1) Inside Samples

TEM#	Project #	Volume (l)	<u>Asbestos Concentration</u>		
			S/mm ²	S/cc	ngm/m ³
5632- 60539	1	1800	0.0	0.0048 *	
5632- 60540	2	1800	0.0	0.0048 *	
5632- 60541	3	1800	0.0	0.0048 *	
5632- 60542	4	1800	0.0	0.0048 *	
5632- 60543	5	1800	0.0	0.0048 *	
5632- 60544	6	1800	0.0	0.0048 *	
5632- 60545	7	1800	0.0	0.0048 *	
5632- 60546	8	1800	0.0	0.0048 *	
5632- 60547	9	1800	0.0	0.0048 *	
5632- 60548	10	1800	0.0	0.0048 *	
5632- 60549	11	1800	0.0	0.0048 *	
5632- 60550	12	1800	0.0	0.0048 *	
5632- 60551	13	1800	0.0	0.0048 *	
5632- 60552	14	1800	0.0	0.0048 *	
5632- 60553	15	1800	0.0	0.0048 *	
5632- 60555	17	1800	0.0	0.0048 *	
5632- 60556	18	1800	0.0	0.0048 *	
5632- 60557	19	1800	0.0	0.0048 *	
5632- 60558	20	1800	0.0	0.0048 *	
5632- 60559	21	1800	0.0	0.0048 *	
5632- 60560	22	1800	0.0	0.0048 *	
5632- 60561	23	1800	0.0	0.0048 *	
5632- 60562	24	1800	0.0	0.0048 *	
5632- 60563	25	1800	0.0	0.0048 *	
5632- 60564	26	1800	0.0	0.0048 *	
Average=			0.0	0.0048	0

2) Outside Samples

TEM#	Project #	Volume (l)	<u>Asbestos Concentration</u>		
			S/mm ²	S/cc	ngm/m ³
		Average=	N/A	N/A	N/A

3) Blanks

TEM#	Project #	Volume (l)	<u>Asbestos Concentration</u>		
			S/mm ²	S/cc	ngm/m ³
5632- 60554	16		- - - - -	Not Analyzed	- - - - -
5632- 60565	27		- - - - -	Not Analyzed	- - - - -
Average=			N/A	N/A	N/A

4) Value of T - Statistic : N/A

* None detected, concentration equivalent to analytical sensitivity assigned

This test report relates only to the specific items cited in the analysis

The analysis was carried out according to the approved TEM method. The laboratory is in compliance with the quality

specified for the method.

This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

MP

Analyzed by:
Marek Peysakhov

Michael A. Gorycki

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



The First Choice for Environmental Testing & Consulting

Client: 3632
 Sampled By: M. D. S. / CREATOR 25/12
 Work Area: G1108 Vly Plaza
 Date: 10-7-01
 Project #: 60339-60565
 Rotometer #: 001

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
1	APT PII	4	9:00	12:00	180	10	10	1800		<22.3
2	APT PII	4	9:04	12:04	180	10	10	1800		<22.3
3	APT PII	4	9:06	12:06	180	10	10	1800		<22.3
4	APT PII	4	9:08	12:08	180	10	10	1800		<22.3
5	HALL-WAY 35 FL OUTSIDE APT 35M	4	9:10	12:10	180	10	10	1800		<22.3
6	APT PII	4	9:14	12:14	180	10	10	1800		<22.3
7	APT PII	4	9:18	12:18	180	10	10	1800		<22.3
8	APT PII	4	9:22	12:22	180	10	10	1800		<22.3

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

Analysis: ☐ TEM AHIERA ☐ TEM Philadelphia ☐ PCANIOSH 7400 ☐ ASAP ☐ 2 Day (48hr) ☐ Same Day (12hr)

Relinquished: A. H. A. S. Date/Time: 10/8/01 7:00
 Analyst: [Signature] Received: 10/8/01 7:00
 Disposal By/Date: [Signature]

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Asbestos Air Sampling Data Form

Client: 5632 MID STATE LOGAN Date: 10-8-01 Project #: 001

Sampled By: A. BLANK Rotometer #: 400-375 SOUTH 6th Ave MANHATTAN

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
9	APT 34 BED ROOM	4	9:24 PM	12:29 PM	180	10	10	1800		<22.3
10	APTC-WAY 34 FLOOR OUTSIDE APT 34 K	4	9:28 PM	12:28 PM	180	10	10	1800		<22.3
11	APT 34 LIVING ROOM	4	11:44 PM	02:44 PM	180	10	10	1800		<22.3
12	APT 34 BED ROOM	4	11:48 PM	02:48 PM	180	10	10	1800		<22.3
13	APT 34 LIVING ROOM	4	11:50 PM	02:50 PM	180	10	10	1800		<22.3
14	APT 34 BED ROOM	4	11:55 PM	02:55 PM	180	10	10	1800		<22.3
15	APTC-WAY 33 FLOOR OUTSIDE APT 33 E	4	11:58 PM	02:58 PM	180	10	10	1800		<22.3
16	FIELD BLANK									

1. Pre-Test ☐ 3. Final ☒ 5. Personal ☐ 7. TWA
 2. Post-Test ☒ 4. Investigative ☐ 6. Duplicate ☐ 8. TWA
 Analysis ☐ TEM AHRA ☐ TEM Philadelphia ☐ TEM TWA
 Relinquished A. BLANK Date/Time 10/8/01 Received AFC JD Date/Time 10/8/01
 Analyst JD Disposal Ely/Date 10/8/01

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7.15 Air Sample Clearance Results



300 W. 30th Street
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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 an air sample from our Group No. 5640.

Client: Letrak Organization
Project Name: Bldg. 400
Location: Apartment 10U
Sample received: 10/09/01

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

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

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

Please contact me regarding any questions relating to these materials.

Very truly yours,

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

ATC ENVIRONMENTAL, INC.
104 East 25th Street
New York, NY 10010

APPROVED NY STATE DOH STATE # 10879
ACCREDITED NVLAP Lab Code # 1187

Summary of TEM Results

ALC Environmental
115 W. 30th Street 11th Fl.
New York, NY 10001
Mr. Joanne Saret

DATE 10/04/01

Project/Site Identification: Lefrak Organization, Bldg. 400
Apt. 10U

CONCLUSION

STATISTICAL SUMMARY

1) Inside Samples	Average Concentration				
	PMs	Project #	Volume (L)	g/mm ²	g/cc
	5640- 60674		1000	0.0	0.0018
			Average:	0.0	0.0018
2) Outside Samples	Average Concentration				
	PMs	Project #	Volume (L)	g/mm ²	g/cc
			Average:	N/A	N/A
3) Blanks	Asbestos Concentration				
	PMs	Project #	Volume (L)	g/mm ²	g/cc
	5640- 60675	2			Not Analyzed
	5640- 60676	3			Not Analyzed
	5640- 60677	4			Not Analyzed
			Average:	N/A	N/A
4) Value of T - Statistic	N/A				

* None detected concentration equivalent to analytical sensitivity assigned

This test report relates only to the specific items cited in the analysis.

The analysis was carried out according to the approved TEM method. The laboratory is in compliance with the quality specified for the method.

This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

up
Analyzed by:
Marek Peysakhov


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

115 W. 30th Street, New York, NY 10001 212-279-1001
 CLIENT: New York, New York 10001
 SITE: Loftco Organization PROJECT MANAGER
 TECHNICIAN: Benny Aguiar SIGNATURE: Rush 1/4 60674-60677

DATE 10/8/01PAGE 1 OF 1

WHITE COPY = FOLDER
 PINK COPY = PROJECT MANAGER
 YELLOW COPY = LABORATORY

5040

SAMPLE INFORMATION

SAMPLE #	FIELD #	DESCRIPTION / LOCATION	TIME (minutes)		FLOW RATE		VOLUME (l)	PRESS/ FIELD	RESULTS
			start	end	start	end			
1		apt PII Boel Room	15:00	180	40	10	1800		2223
2		Field Blank							N/A
3		Field Blank							N/A
4		Sed Red Blank							N/A
		FIELD BLANK							FB
		FIELD BLANK							FB

TECHNICIANS LOG

CASSETTE	ROTMETER	TURNAROUND TIME	TYPE	RESULTS TO
☐ PCM (0.3 MICRON MCS)	ID#	☒ 2 HRS ☐ 24 HRS	☐ PRE-ABATE ☐ OSHA	NAME
☐ TEM (0.45 MICRON MCS)	C.F.	☐ 4 HRS ☐ 48 HRS	☒ DURING ☐ ENVIRON	PH/PG#
LOT #	CALIB. DATE 1/1	☐ 8 HRS ☐ OTHER	☐ POST-ABATE ☐ AMBIENT	DATE / / TIME

CHAIN OF CUSTODY

RELINQUISHED BY: (print)	(sign)	DATE	TIME
RECEIVED BY: (print) <u>R. Brondina</u>	(sign) <u>R. Brondina</u>	10/8/01	1900
RELINQUISHED BY: (print)	(sign)		
RECEIVED BY: (print)	(sign)		
ENTERED BY: (print)	(sign)		
CORRECTED BY: (print)	(sign)		

LAB INFORMATION

LAB NAME	METHOD/CQY	MICROSCOPE/SERIAL #	COMMENTS
ANALYZED BY: <u>WPC</u>	☒ PCM - NIOSH 7400A	☐ OLYMPUS BH2204104	
DATE: <u>10/8/01</u> TIME: <u>21:31</u>	☒ TEM - AMERA	☐ OLYMPUS CH67C0021	
CC BY: DATE:	☐ TEM - EPA LEVEL II		

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

PII	ASBESTOS PROJECTS	
	CERTIFICATE NUMBER	
	4H 01-03526	
	EXPIRES	
	SOCIAL SECURITY NUMBER	
	PII	
EYES		HAIR
BRO		GRY
WEIGHT		HEIGHT
		PII
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)

ALVIN B BLAKE

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

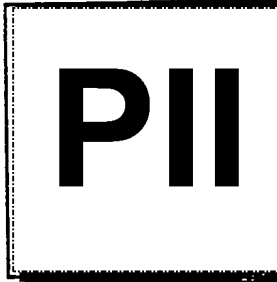
ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C - SAMPLING TECHNICIAN (04/02)
H - PROJECT MONITOR (04/02)

AMERICO RODRIGUEZ JR

PII

RICHARD CUCOLO, Director - For the Commissioner of Labor

MUST BE CARRIED ON ASBESTOS PROJECTS



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	
PII	
EYES	HAIR
BRO	BRO
WEIGHT	HEIGHT
PII	
1800690	

DOSH-442 (01/71)



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

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
D - INSPECTOR (02/03)

ALVIN BLAKE

PII

RICHARD CUCCOLO, 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
PII	
1515656	

8.3 Laboratory Certifications

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/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 Pipes
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:

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)

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	1.25
	2	1.8316	1.8685	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.

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.

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	0.1003	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	1.2516	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 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 (%)	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


D. Jeff Burton, CIII, PE, CSP
President, American Industrial Hygiene Association


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


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

Appendix A: Letter to Tenants for Re-Occupation



The First Choice for Environmental Testing & Consulting

October 16, 2001

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

Via Facsimile

Subject: Gateway Plaza Building #400

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.

Twelve (12) initial background air samples were collected and analyzed at building 400. Twelve (12) samples were analyzed via phase contrast microscopy (PCM) and two (2) were analyzed via Transmission Electron Microscopy (TEM). All were below the permissible limits.

Based on EPA Guidelines, we collected one hundred fifty-eight (158) bulk samples and analyzed them via Polarized Light Microscopy (PLM) Methodology. One (1) sample collected from one apartment was found to be slightly above the regulatory limits of 1%. Zero (0) were found to be above the regulatory limits upon further analysis at a second laboratory for quality control purposes. However, certified asbestos abatement contractors hired independently by the owner, were used to clean the specific apartment and the areas were cleared by ALC via TEM air 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 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

One hundred seventy (170) 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 technicians.

Tenants may re-occupy their apartments at the present time.

Sincerely,

A handwritten signature in black ink, appearing to read "Joshua Sarett", with a long horizontal flourish extending to the right.

Joshua Sarett
ALC Environmental Incorporated

Appendix B: Letter to Tenants in Apartments where
Final Air Clearance Was Performed



The First Choice for Environmental Testing & Consulting

October 9, 2001

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

Via Facsimile

Subject: Final Air Clearance Sampling: Gateway Plaza 375 South End Avenue Building
400: Apartment-10U

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 one (1) bulk sample from this apartment and analyzed it via Polarized Light Microscopy (PLM) Methodology. One sample collected from this apartment was found to be slightly above the regulatory limits of 1% by weight. **The sample was then forwarded to a second laboratory for further analysis and was determined to be below the regulatory limits.** (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 Apartment 10U of the 400 building at Gateway Plaza. 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

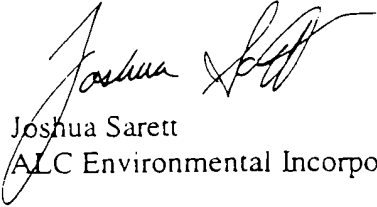
Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215.732.0400 • 888.789.8378 • Fax: 215.732.0559

www.ALCEnvironmental.com

The air samples were collected by Y. Benyaguya a licensed sampling technician (AH#95-21191) 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. Additionally, further analysis was performed by Scientific Laboratories Inc., a qualified laboratory (ELAP #11480 NVLAP 101904-1)

Sincerely,

A handwritten signature in black ink, appearing to read "Joshua Sarett", with a stylized flourish at the end.

Joshua Sarett
ALC Environmental Incorporated