NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.

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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: Lefrak 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

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 1, JAN. 2013

NYC-WTC_000409697

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

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

Summary of TEM Results

[redacted]
ALC Environmental
215 W 30th Street, 11th Fl.
New York, NY 10001
Mr Joshua Sarett

DATE 10/08/01

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

CONCLUSION.

STATISTICAL SUMMARY

1) Inside Samples

TEM#	Project #	Volume(l)	S/mm^2	Asbestos Concentration S/cc	ngm/m^3
5640- 60674	1	1000	0.0	0.0048 *	
		Average=	0.0	0.0048	0

2) Outside Samples

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

3) Blanks

TEM#	Project #		S/mm^2	Asbestos Concentration S/cc	ngm/m^3
5640- 60675	2			Not Analyzed	
5640 60676	3			Not Analyzed	
5640- 60677	4			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.

wp

Analyzed by:
Marek Peysakhov

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

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NYC-WTC_000409698

115 W. 30th Street, 11th Fl.
CLIENT: New York, New York 10001 212-279-1001 PROJECT NUMBER

SITE Lefrac Organization Bed 400 PROJECT MANAGER

TECHNICIAN: Benny a Guy SIGNATURE DATE 10/8/01

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

5640 Rush 1/4 60674-60677 PAGE 1 OF 1

SAMPLE INFORMATION

SAMPLE ID	DESCRIPTION / LOCATION	TIME (military) start/end	min	FLOW RATE start/end	l/m	VOLUME (l)	FIBERS/FIELD	RESULTS mm²
SAMPLE # / FIELD # / LAB # / PUMP #	apt 10U Bedroom	1500/1800	180	10/10	10	1800		<22.3
SAMPLE # / FIELD # / LAB # 2 / PUMP #	Field Blank							N/A
SAMPLE # / FIELD # / LAB # 3 / PUMP #	Field Blank							N/A
SAMPLE # / FIELD # / LAB # 4 / PUMP #	Sealed Blank							N/A
SAMPLE # / FIELD # / LAB # / PUMP #								
SAMPLE # / FIELD # / LAB #	FIELD BLANK							FB
SAMPLE # / FIELD # / LAB #	FIELD BLANK							FB

TECHNICIANS LOG

CASSETTE	ROTOMETER	TURNAROUND TIME	TYPE	RESULTS TO
☐ PCM (0.8 MICRON MCE)	ID#	☒ 2 HRS ☐ 24 HRS	☐ PRE-ABATE ☐ OSHA	NAME
☐ TEM (0.45 MICRON MCE)	C.F.	☐ 4 HRS ☐ 48 HRS	☒ DURING ☐ ENVIRON	PH/PGR# ( )
LOT #	CALIB. DATE / /	☐ 8 HRS ☐ OTHER	☐ POST-ABATE ☐ AMBIENT	DATE / / TIME

CHAIN OF CUSTODY

		DATE	TIME
RELINQUISHED BY:(print)	(sign)	/ /	
RECEIVED BY:(print) R Brondina	(sign) R. Brondina	10/8/01	19:00
RELINQUISHED BY:(print)	(sign)	/ /	
RECEIVED BY:(print)	(sign)	/ /	
ENTERED BY:(print)	(sign)	/ /	
CORRECTED BY:(print)	(sign)	/ /	

LAB INFORMATION

LAB NAME: TEM	METHODOLOGY	MICROSCOPE/SERIAL #	COMMENTS
ANALYZED BY: [illegible]	☒ PCM - NIOSH 7400.A	☐ OLYMPUS BH2/204104	
DATE 10/8/01 TIME 21:35	☒ TEM - AHERA	☐ OLYMPUS CH6/7C0021	
QC BY: DATE:	☐ TEM - EPA LEVEL II		

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