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New York, New York 100
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212.353.82
Fax 212.353.83

October 5, 2002

ATC Associates Inc.
104 East 25th Street
New York, NY 10010

Attn: Mr. Ben Sallemi

Re: Report of TEM Analysis

Dear Mr. Sallemi:

Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 8935:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Around Building
Samples received: 10/04/02

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

The results of the sample analyses may be found on the attached document.

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

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 black ink, appearing to read 'Michael A. Gorycki'.

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

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280

Fax: (212) 353-8306



Attn: Benjamin Sallemi

ATC Associates Inc.

104 East 25th Street

New York

NY 10010

Fax: (212) 353-3599

Phone: (212) 353-8280

Received: 10/4/02

4:00:00 PM

ATC Group #: 8935

Analysis Date: 10/5/02

Project: DEP Clean-up ATC Project #: 22906-0002

125 Cedar Street, New York, NY

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

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures 0.5µ-5 µ		Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)		Notes
04 8935 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
05 8935 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
06 8935 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
07 8935 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
08 8935 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
09 8935 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 8935 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

MARK PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D.

Approved by:

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

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

Attn: Benjamin Sallemi
 ATC Associates Inc.
 104 East 25th Street
 New York NY 10010

Received: 10/4/02 4:00:00 PM
 ATC Group #: 8935
 Analysis Date: 10/5/02

Fax: (212) 353-3599 Phone: (212) 353-8280

Project: DEP Clean-up ATC Project #: 22906-0002
 125 Cedar Street, New York, NY

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

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures 0.5µ-5 µ		Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)		Notes
11 8935 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 8935 -9	1800.00	0.0450	0	CHRYSTILE	0	1	0.0048	22.24	0.0048	
13 8935 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

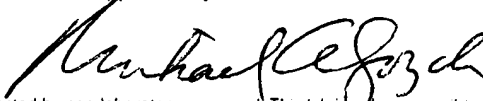
MARK PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

Approved by:



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



AIR MONITORING DATA

AND

CHAIN OF CUSTODY FORM

10/13 3449-3461

PROJECT INFORMATION

1. Client: **DEP**
2. Project Name: **DEP Clean up**
2a. Project Address: **125 Cedar St. NY**
3. Project # **15-22506-0008**
3a. Task # **00008**
4. Project Monitor: **E. Lemanovich**
4c. Rotameter Number: **SD-006**
5. Date: **10.04.02**
6. Abatement Location: **Around building**
7. ☐ PCM (0.8 micron MCE)
8. ☒ TEM (0.45 micron MCE)
Cassette/Filter Manufacture Lot # **316**
9. Type: **MMF**
a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA
f. ☐ Environmental g. ☐ Ambient h. ☒ Other **Cleaning**

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location		13. Time (24 hrs clock)		14. Flow Rate (L/min.)		15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
		12a. IWA	12b. OWA	13a. Start	13b. End	14a. Start	14b. End			
01										
02, 03										
04										
05										
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08										
09										
10										
11										
12										
13										

CHAIN OF CUSTODY

18. Relinquished By: **E. Lemanovich**
19. Received By: **B. Sallemi**
20. Date: **10.4.2**
21. Time: **16:00**
22. Lab Name: **TEM**
23. Date: **10.2.5**
24. Time: **11:10**
25. Microscope Make/Serial #: ☐ Nikon Labophot 238913 ☐ Nikon Labophot 238917 ☐ Nikon Labophot 239079
Analysis Methodology: **PCM - NIOSH 7400A**
26. ATC Project Manager: **B. Sallemi**
27. Result To: **B. Sallemi**
Beeper/Phone #'s: _____
28. Comments: _____
29. Lab Batch #: _____