



104 East 25th St., 10th Fl
New York, New York 10010
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212.353.8280
Fax 212.353.8306

October 2, 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. 8922:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Around Building
Samples received: 10/01/02

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', written in a cursive style.

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: 10/1/02

4:00:00 PM

ATC Group #: 8922

Analysis Date: 10/2/02

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		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5	5µ		(S/mm ²)	(S/cc)	
04 8922 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
05 8922 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
06 8922 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
07 8922 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
08 8922 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
09 8922 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 8922 -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: 10/1/02 4:00:00 PM
 ATC Group #: 8922
 Analysis Date: 10.2.02

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 8922 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
12 8922 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
13 8922 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048

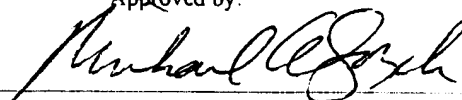
MARK PEYSAKHOV

MICHAEL A. GORYCKI, Ph.D.

Analyzed by:



Approved by:



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AIR MONITORING DATA AND

CHAIN OF CUSTODY FORM

Page 1 of 1

TURNAROUND TIME

☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other _____

PROJECT INFORMATION

1. Client: DEP

2. Project Name: DEP. Clean-up

3. Project #: 15-22506-0002

4. Project Monitor: _____

2a. Project Address: 125 Cedar St. NY

3a. Task #: 80002

4a. Air Sampler: E. Lemanovich

4c. Rotameter Number: SD-006

5. Date: 10.01.02

6. Abatement Location: Around building

7. ☐ PCM (0.8 micron MCE)
Cassette/Filter Manufacture _____
Lot # _____

8. ☒ TEM (0.45 micron MCE)
Cassette/Filter Manufacture: MMI
Lot #: 916

9. Type: 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	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Avg			
01				Field Blank									
02, 03				Field Blank									
04			✓	In front of building	06:30	14:00	450	4	4	4	1800		
05			✓	" "	06:31	14:01	450	4	4	4	1800		
06			✓	In back of building	06:40	14:10	450	4	4	4	1800		
07			✓	" "	06:41	14:11	450	4	4	4	1800		
08			✓	" "	06:42	14:12	450	4	4	4	1800		
09			✓	" "	06:43	14:13	450	4	4	4	1800		
10			✓	" "	06:44	14:14	450	4	4	4	1800		
11			✓	Restaurant Cleanroom of depot	06:50	14:20	450	4	4	4	1800		
12			✓	Hallway	06:52	14:22	450	4	4	4	1800		
13			✓	2 nd Floor	06:54	14:24	450	4	4	4	1800		

CHAIN OF CUSTODY

18. Relinquished By: E. Lemanovich

19. Received By: _____

20. Date: 10.1.2

21. Time: _____

II _____

III _____

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name: VED

23. Date: 10/2/02

24. Time: 10:15

a. Analyzed By: UPP

b. QC By: _____

c. Lab Batch #: _____

25. Microscope Make/Serial #: _____

☐ Nikon Labophot 238913

☐ Nikon Labophot 238917

☐ Nikon Labophot 239079

Analysis Methodology

PCM - NIOSH 7400A

TEM - AFERA

28. Comments: _____

26. ATC Project Manager: B. Sallemi

27. Result To: B. Sallemi

Beeper/Phone #'s: _____

WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field

NY-1 (1/01)