



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

October 4, 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. 8932:

Client: D.E.P.

Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY

Location: Around Building

Samples received: 10/03/02

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', is written over a horizontal line.

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



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: **DEP**

2. Project Name: **DEP clean-up**

2a. Project Address: **125 Cedar St**

3. Project # **15-22906-0008**

3a. Task # **0008**

3b. Task Description: **MT**

3c. Task Location: **NY**

3d. Task Date: **3/22-3/24/04**

4. Project Monitor: **E. Lemnovich**

4a. Air Sampler: **E. Lemnovich**

4b. Rotameter Number: **SD-006**

5. Date: **10.05.08**

6. Abatement Location: **Around building**

7. PCM (0.5 micron MCE) ☐ PCM (0.8 micron MCE) ☒

8. TEM (0.45 micron MCE) ☒

9. Type: **MT**

9a. Backgroud ☐ Pre-Abate ☐ Post-Abate ☐ OSHA ☐ Environmental ☐ Ambient ☐ 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
01		Field Blank					
02		Field Blank					
03		In front of building	06:30 14:00	4	4	4	1800
04		In front of building	06:34 14:01	4	4	4	1800
05		In back of building	06:40 14:10	4	4	4	1800
06		In back of building	06:44 14:11	4	4	4	1800
07		In back of building	06:48 14:12	4	4	4	1800
08		In back of building	06:43 14:13	4	4	4	1800
09		In back of building	06:44 14:14	4	4	4	1800
10		In back of building	06:50 14:20	4	4	4	1800
11		Restaurant Clean room of floor	06:54 14:22	4	4	4	1800
12		Hall	06:54 14:24	4	4	4	1800
13		2nd Floor Clean room of floor	06:54 14:24	4	4	4	1800

CHAIN OF CUSTODY

18. Relinquished By: **E. Lemnovich**

19. Received By: **DE**

20. Date: **10.3.2**

21. Time: **16:00**

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

22. Lab Name: **DEP**

23. Date: **10/3/08**

24. Time: **16:00**

25. Microscope Make/Serial #:

☐ Nikon Labophot 238913

☐ Nikon Labophot 238917

☐ Nikon Labophot 239079

Analysis Methodology: **PCM - NIOSH 7400A**

TEM - AHERA

26. ATC Project Manager: **B. Sallemi**

27. Result To: **B. Sallemi**

Beeper/Phone #'s: _____

28. Comments:

WHITE - File YELLOW - Client/Report

PINK - Lab GOLDENROD - Field

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: 10/3/02

4:00:00 PM

ATC Group #: 8932

Analysis Date: 10/4/02

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

**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 µm	5µ		(S/mm ²)	(S/cc)	
04 8932 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
05 8932 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
06 8932 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
07 8932 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
08 8932 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
09 8932 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 8932 -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 reports 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
 Fax: (212) 353-3599 Phone: (212) 353-8280

Received: 10/3/02 4:00:00 PM
 ATC Group #: 8932
 Analysis Date: 10/4/02

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

**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 0.5 μ -5 μ		Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)		Notes
11 8932 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 8932 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
13 8932 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

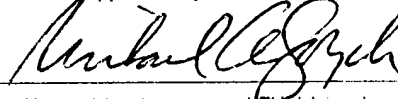
MARK PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

Approved by:



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