



104 East 25th St., 10th Fl
New York, New York 10010
www.atc-enviro.com
212.353.8280
Fax 212.353.8306

October 7, 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. 8938:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Around Building
Samples received: 10/06/02

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: 10/6/02

8:00:00 AM

ATC Group #: 8938

Analysis Date: 10/7/02

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/mm²)	(S/cc)	
04 8938 -1	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
05 8938 -2	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
06 8938 -3	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
07 8938 -4	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
08 8938 -5	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
09 8938 -6	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
10 8938 -7	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	

ROMAN 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 PLWTEM #101187-0, NY State ELAP #10879

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

Received: 10/6/02 8:00:00 AM
 ATC Group #: 8938
 Analysis Date: 10/7/02

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

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

125 Cedar Street, New York, NY

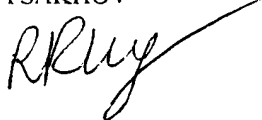
**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
 by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures 0.5 μ -5 μ		Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)		Notes
11 8938 -8	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
12 8938 -9	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
13 8938 -10	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	

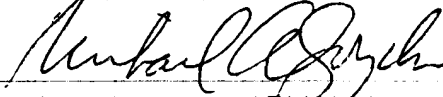
ROMAN PEYSAKHOV

MICHAEL A. GORYCKI, Ph.D.

Analyzed by:



Approved by:



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



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 NY**

3. Project # **15-1906-002**

3a. Task # **50002**

3b. Air Sampler: **E. Lemanovich**

3c. Project Monitor: **3493-3505**

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

5. Date: **10.05.02**

6. Abatement Location: **Around building**

7. ☐ PCM (0.8 micron MCE)

8. ☒ TEM (0.45 micron MCE)

9. Type: **MMI**

10. ☐ Background

11. ☐ Pre-Abate

12. ☐ OSHA

13. ☐ Environmental

14. ☐ Ambient

15. ☒ Other Clean-up

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, 03		Field Blank					
04		In front of building	09:00 17:00	4	4	1920	
05		In front of building	09:01 17:01	4	4	1920	
06		In back of building	09:10 17:10	4	4	1920	
07		In back of building	09:11 17:11	4	4	1920	
08		In back of building	09:12 17:12	4	4	1920	
09		In back of building	09:13 17:13	4	4	1920	
10		In back of building	09:14 17:14	4	4	1920	
11		Restaurant Clean room of floor	09:20 17:20	4	4	1920	
12		Hall	09:22 17:22	4	4	1920	
13		2nd Floor Clean room of floor	09:24 17:24	4	4	1920	

CHAIN OF CUSTODY

18. Relinquished By: **B. Lemanovich**

19. Received By: **DE**

20. Date: **10.5.2**

21. Time: **10:52**

22. Date: **10/5/02**

23. Time: **11:15**

24. Date: **10/7/02**

25. Time: **11:15**

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

22. Lab Name: **ATC-TEM**

23. Date: **10/7/02**

24. Time: **11:15**

25. Microscope Make/Serial #:

☐ Nikon Labophot 238913

☐ Nikon Labophot 238917

☐ Nikon Labophot 239079

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

TEM - AHERA

ATC Project Manager:

B. Sallami

Sallami

27. Result To: **Beeper/Phone #**

WHITE - File

PINK - Lab

GOLDENROD - Field

NY 1 (1/01)