

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280

Fax: (212) 353-8306



Attn: Fred Burkhardt

ATC Associates Inc.

104 East 25th Street

New York

NY 10010

Fax: (212) 353-3599

Phone: (212) 353-8280

Received: 9/20/02

8:00:00 AM

ATC Group #: 8864

Analysis Date: 9/22/02

Project: DEP Clean-up 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)	
03 8864 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
04 8864 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
05 8864 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
06 8864 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
07 8864 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

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 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



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 1 of 1

TURNAROUND TIME

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

PROJECT INFORMATION

1. Client:

DEP

2. Date:

7-19-06

3. Project Name:

DEP CENRAL WP

4. Project Address:

128 CENRAL ST

5. Abatement Location:

128 CENRAL ST

6. Abatement Location:

128 CENRAL ST

7. PCM (0.8 micron MCE)

PCM

8. PCM (0.45 micron MCE)

PCM

9. Project Monitor:

C Johnson

10. Air Sampler:

45001

11. Rotameter Number:

45001

12. Abatement

f. ☐ Environmental

13. Post-Abate

g. ☐ Ambient

14. OSHA

h. ☐ Other

DAILY AIR SAMPLE RECORD

0. 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	13c. Total	14a. Start	14b. End	14c. Avg			
01												
02												
03				1502	2232	410	04	4	4	4100		
04				1503	2233	410	04	4	4	4100		
05				1504	2234	410	04	4	4	4100		
06				1506	2236	410	04	4	4	4100		
07				1507	2237	410	04	4	4	4100		
08												

CHAIN OF CUSTODY

8. Relinquished By:

S. J. J.

19. Received By:

J. J.

20. Date:

7/19/06

21. Time:

8:00

22. Lab Name:

ATC-TEM

23. Date:

7/20/06

24. Time:

9:10

25. Microscope Make/Serial #:

☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

26. Analysis Methodology:

PCM - NIOSH 7400A
TEM - AHERA

27. Result To:

Beeper/Phone #

28. Comments:

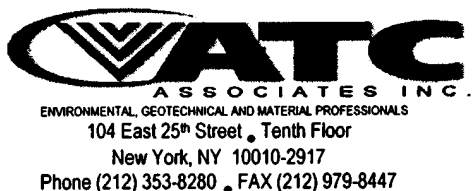
WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field

NY-1 (10/1)



LETTER OF TRANSMITTAL

To: NYCDEP

59-17 Junction Blvd.
Flushing, New York 11373-5103

Att: Penny Theodorellys

From: Benjamin M. Sallemi
Sr. Project Manager

Date: October 1, 2002

Re: 125 Cedar Street

Job No: 15.22906.0002

Copy: Files

We are sending you ☒ Attached ☐ Under separate cover via _____ the following items:
☐ Change order ☐ Plans ☐ Samples ☐ Shop drawings ☐ Specifications
☐ Copy of letter ☐ Prints ☒ Other Sampling Results

Copies	Date	Job No.	Description
1	9/26/02		TEM - Around Bldg.
1	9/26/02		TEM - Entire Bldg.
1	9/26/02		TEM - Entire Bldg.
1	9/27/02		TEM - Around Bldg.
1	9/27/02		TEM - Entire Bldg.
1	9/27/02		TEM - Entire Bldg.
1	9/28/02		TEM - Entire Bldg.
1	9/28/02		TEM - Entire Bldg.
1	9/28/02		TEM - Around Bldg.
1	9/29/02		TEM - Around Bldg.
1	9/29/02		TEM - Entire Bldg.
1	9/29/02		TEM - Entire Bldg.
1	9/30/02		TEM - Entire Bldg.
1	9/30/02		TEM - Entire Bldg.
1	9/30/02		TEM - Around Bldg.
1	10/1/02		TEM - Entire Bldg.
1	10/1/02		TEM - Around Bldg.
1	10/1/02		TEM - Entire Bldg.

These are transmitted as checked below:

☐ Approved as submitted ☐ For bids use ☐ Return ☐ corrected prints
☐ Approved as noted ☒ For your use ☐ Resubmit ☐ copies for approval
☒ As requested ☐ Return for corrections ☐ Submit ☐ copies for distribution
☐ For review and comment ☐ Other _____

Remarks: If you have questions or comments, please contact me at (212) 353-8280, ext. 295
 Should you have any questions, please contact me at the above referenced telephone number.

Signed: _____

Benjamin M. Sallemi

If enclosed are not as noted, kindly notify ATC at once (212) 353-8280.



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

September 26, 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. 8894:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Around Building
Samples received: 09/25/02

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,

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: 9/25/02 4:00:00 PM
 ATC Group #: 8894
 Analysis Date: 9/26/02

Project: DEP Clean-up 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 8894 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
05 8894 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
06 8894 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
07 8894 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
08 8894 -5	1800.00	0.0450	0	CHRYSTILE	1	0	0.0048	22.24	0.0048	
09 8894 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 8894 -7	1800.00	0.0450	0	CHRYSTILE	1	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 PLWTEM #101187-0, NY State ELAP #10879

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

Received: 9/25/02 4:00:00 PM
 ATC Group #: 8894
 Analysis Date: 9/26/02

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

Project: DEP Clean-up 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 8894 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 8894 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
13 8894 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
14 8894 -11	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
15 8894 -12	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

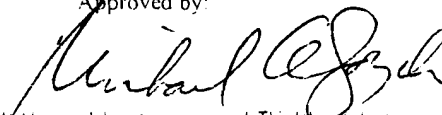
MARK PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

Approved by:



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



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: **DEF**

2. Project Name: **DEF clean up**

3. Project # **15-22906-0002**

4. Project Monitor: **E. Lemmon**

5. Date: **9/25/04**

6. Abatement Location: **Around building**

7. ☒ PCM (0.8 micron MCE)

8. ☒ TEM (0.45 micron MCE)

9. Type: **Abatement**

10. Date: **9/25/04**

11. Project Address: **125 Cedar St**

12. Task # **00002**

13. Air Sampler: **E. Lemmon**

14. Rotameter Number: **SD-000**

15. Date: **9/25/04**

16. Abatement Location: **Around building**

17. ☒ PCM (0.8 micron MCE)

18. ☒ TEM (0.45 micron MCE)

19. Type: **Abatement**

20. Date: **9/25/04**

21. Project Address: **125 Cedar St**

22. Task # **00002**

23. Air Sampler: **E. Lemmon**

24. Rotameter Number: **SD-000**

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	1800	
04		In front of building	06:31 14:01	4	4	1800	
05		In front of building	06:32 14:02	4	4	1800	
06		In front of building	06:33 14:03	4	4	1800	
07		In front of building	06:34 14:04	4	4	1800	
08		In back of building	06:35 14:05	4	4	1800	
09		In back of building	06:36 14:06	4	4	1800	
10		In back of building	06:37 14:07	4	4	1800	
11		In back of building	06:38 14:08	4	4	1800	
12		In back of building	06:39 14:09	4	4	1800	
13		Restaurant Clean room of decay	06:40 14:10	4	4	1800	
14		Hallway	06:41 14:11	4	4	1800	
15		2nd Floor	06:42 14:12	4	4	1800	

CHAIN OF CUSTODY

18. Relinquished By: **E. Lemmon**

19. Received By: **F. Burkhardt**

20. Date: **9/25/04**

21. Time: **16:00**

22. ATC Project Manager: **F. Burkhardt**

23. Result To: **F. Burkhardt**

24. Backer/Phone #s: **---**

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

25. Lab Name: **---**

26. Analyzed By: **---**

27. QC By: **---**

28. Lab Batch #: **---**

29. Comments: **---**

30. Microscope Make/Serial #: **---**

31. Nikon Labophot 238913

32. Nikon Labophot 238917

33. Nikon Labophot 239079

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

35. TEM - AHERA

WHITE - File YELLOW - Client/Report

PINK - Lab GOLDENROD - Field

NY 1 (1-01)



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

September 26, 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. 8895:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Entire Building
Samples received: 09/26/02

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

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

125 Cedar Street, New York, NY

Received: 9/26/02

8:00:00 AM

ATC Group #: 8895

Analysis Date: 9/26/02

**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)	
03 8895 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
04 8895 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
05 8895 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
06 8895 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
07 8895 -5	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 PLM/TEM #101187-0, NY State ELAP #10879



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: **DER**

2. Project Name: **DER Cleanup**

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

3. Project # **8002**

3a. Task # **8002**

4. Project Monitor: **C Johnson**

4a. Air Sampler: **MMT**

4b. Rotameter Number: **C5001**

5. Date: **7-25-02**

6. Abatement Location: **ENTRANCE**

7. PCM (10 micron MCE) ☐ TEM (0.45 micron MCE) ☒

8. Cassette/Filter Manufacture Lot # **916**

9. Type: **MMT**

9a. ☐ Background ☐ Pre-Abate ☐ Post-Abate ☐ OSHA ☐ Abatement

10. Environmental ☐ Ambient ☐ Other

Page **1** of **1**

TURNAROUND TIME

☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard

☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other

DAILY AIR SAMPLE RECORD

0. Sample ID Number	11. Pump Number	12. Sample Location	13a. Start	13b. End	13c. Total	14. Flow Rate (L/min)	14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc F/CC
01		Field Blank										
02		Field Blank										
03		2nd Floor	1430	2200	450	04	4	4	4	1800		
04		1st Floor	1431	2201	470	04	4	4	4	1800		
05		Stone D/Con	1432	2202	470	04	4	4	4	1800		
06		1st Floor	1434	2204	470	04	4	4	4	1800		
07		Building East	1435	2205	470	04	4	4	4	1800		
08		Building West										
09		Close										
		Blank										

CHAIN OF CUSTODY

18. Relinquished By: **John**

19. Received By: **John**

20. Date: **7/26/02**

21. Time: **8:00**

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

22. Lab Name: **ATC**

23. Date: **7/26/02**

24. Time: **12:00**

25. Microscope Make/Serial #:

☐ Nikon Labophot 238913

☐ Nikon Labophot 238917

☐ Nikon Labophot 239079

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

TEM - AHERA

26. ATC Project Manager: **S. Salimi**

27. Result To: **S. Salimi**

28. Comments:

WHITE - File YELLOW - Client/Report

PINK - Lab GOLDENROD - Field

NY-1 (1/01)



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Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 8896:

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Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Entire Building
Samples received: 09/26/02

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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

Received: 9/26/02 8:00:00 AM
 ATC Group #: 8896
 Analysis Date: 9/26/02

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

Project: DEP Clean-up 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 Ash	Asbestos Type(s)	# Structures		Analytical Sensitivity	Asbestos Concentration		Notes
					0.5µ-5	5µ	(S/cc)	(S/mm ²)	(S/cc)	
1 8896 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 8896 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 8896 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 8896 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 8896 -5	1804.00	0.0450	0	CHRYSTILE	1	0	0.0047	22.24	0.0047	

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

PROJECT INFORMATION

8896 518 3028-3085

Page _____ of _____
TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other _____

1. Client: DEF		2. Project Name: DEF clean up		3. Project # 22406-02		4. Project Monitor: Y. Chen		4c. Rollmeter Number: SD 0005	
5. Date: 9/26/08		6. Abatement Location: DEF site		7. ☐ PCM (0.3 micron MCE) Cassette Filter Manufacture AT Lot # _____		8. ☒ ITEM (0.35 micron MCE) Cassette Filter Manufacture AT Lot # 916		9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Ambient g. ☐ Other Other	

DAILY AIR SAMPLE RECORD

10. Sample ID 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	14b. Avg			
13-1, 13-2				Field Blank									
13-3				Field Blank									
1				outside bldg, north side up the scaffolding	1430	1800	450	4	4	4	1700		
2				11" corner	1435	2005	450	4	4	4	1800		
3				11" corner	1438	2007	450	4	4	4	1800		
4				11" corner	1440	2010	450	4	4	4	1800		
5				11" corner	1443	2014	451	4	4	4	1804		

CHAIN OF CUSTODY

18. Relinquished By: [Signature]	19. Received By: [Signature]	20. Date: 9/26/08	21. Time: 8:00
22. Lab Name: STEAM	23. Date: 9/26/08	24. Time: 13:50	
25. Microscope Make/Serial #:			
☐ Nikon Labophot 238913 ☐ Nikon Labophot 238917 ☐ Nikon Labophot 239079			
26. ATC Project Manager: R. Sullivan			
27. Result To: R. Sullivan			
28. Comments:			

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

WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field



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

September 27, 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. 8898:

Client: D.E.P.

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

Location: Around Building

Samples received: 09/26/02

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



AIR MONITORING DATA

AND

CHAIN OF CUSTODY FORM

8898 10/13

PROJECT INFORMATION

1. Client: DEP	2. Project Name: DEP Clean-up	3. Project # 15-22906-0002	4. Project Monitor: E. Levanovich	4c. Rotameter Number: SD-006
5. Date: 9.26.12	6. Abatement Location: Armed Building	7. ☐ PCM (0.5 micron MCE) Cassette Filter Manufacture: NIH	8. ☒ TEM (0.45 micron MCE) Cassette Filter Manufacture: 316	9. Type: E. Levanovich
2a. Project Address: 185 Cedar St.	7. ☐ PCM (0.5 micron MCE) Cassette Filter Manufacture: NIH	3a. Task # 00002	4a. Air Sampler: E. Levanovich	1. ☐ Environmental
7. ☐ PCM (0.5 micron MCE) Cassette Filter Manufacture: NIH	8. ☒ TEM (0.45 micron MCE) Cassette Filter Manufacture: 316	9. Type: E. Levanovich	10. ☐ Background	2. ☐ Ambient
10. ☐ Pre-Abate	11. ☐ OSHA	12. ☐ Other	13. ☐ Other	14. ☐ Other

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other

Page 1 of 1

DAILY AIR SAMPLE RECORD

10. Sample ID 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. Filter Conc. F/CC
C1		Field Blank					
08, 03		Field Blank					
04		In front of building	06:30/14:00	450	4	4	1800
05		In front of building	06:31/14:01	450	4	4	1800
06		In back of building	06:40/14:10	450	4	4	1800
07			06:41/14:11	450	4	4	1800
08			06:42/14:12	450	4	4	1800
09			06:43/14:13	450	4	4	1800
10			06:44/14:14	450	4	4	1800
11		Resident Clean room of decon	06:50/14:20	450	4	4	1800
12		2nd Floor	06:54/14:24	450	4	4	1800
13		Hallway	08:40/14:30	350	4	4	1400

CHAIN OF CUSTODY

18. Relinquished By: E. Levanovich	19. Received By: NIH	20. Date: 9.26.12	21. Time: 14:30
22. Lab Name: NIH	23. Date: 9.26.12	24. Time: 14:30	25. Microscope Make/Serial #: NIH
a. Analyzed By: NIH	b. QC By: NIH	c. Lab Batch #: NIH	d. Analysis Methodology: NIH
26. ATC Project Manager: B. Sallami	27. Result To: B. Sallami	28. Comments: NIH	29. Analysis Methodology: NIH

WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field

NY-1 (1-01)



ATC Associates
104 East 25 Street, New York, NY 10010
Phone: (212) 353-8280 Fax: (212) 353-8306

Attn: Benjamin Sallami
ATC Associates Inc.
104 East 25th Street
New York NY 10010
Fax: (212) 353-3599 Phone: (212) 353-8280
Project: DEP Clean-up 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)

Asbestos Analytical Asbestos
Area Non Asbestos # Structures Sensitivity Concentration
Volume Analyzed Asb Type(s) 0.5µ-5 µm (S/cc) (S/min)² (S/cc) Notes

04	8898-1	1800.00	0.0450	0	CHRYSOITILE	0	1	0.0048	22.24	0.0048	<0.0048	
05	8898-2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	<0.0048	
06	8898-3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	<0.0048	
07	8898-4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	<0.0048	
08	8898-5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	<0.0048	
09	8898-6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	<0.0048	
10	8898-7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	<0.0048	

MARK PEYSAKHOV

Analyzed by:

Approved by:

MICHAEL A. GORYCKI, Ph.D.

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/m². 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 35% 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: 9/26/02 4:00:00 PM
 ATC Group #: 8898
 Analysis Date: 9/27/02

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

Project: DEP Clean-up 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)	
11 8898 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 8898 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
13 8898 -10	1400.00	0.0562	0	None Detected	0	0	0.0049	<17.79	<0.0049	

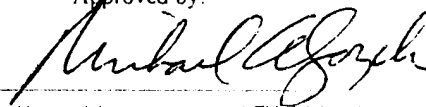
MARK PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

Approved by:



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Accredited for NVLAP PLWTEM #101187-0, NY State ELAP #10879



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Fax 212.353.8306

September 27, 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. 8899:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Entire Building
Samples received: 09/27/02

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

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: 9/27/02 8:00:00 AM

ATC Group #: 8899

Analysis Date: 9/27/02

Project: DEP Clean-up 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 Ash	Asbestos Type(s)	# Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5	5µ		(S/mm ²)	(S/cc)	
1 8899 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 8899 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 8899 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 8899 -4	1804.00	0.0450	0	None Detected	0	0	0.0047	<22.24	<0.0047	
5 8899 -5	1804.00	0.0450	0	None Detected	0	0	0.0047	<22.24	<0.0047	

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 PLWTEM #101187-0, NY State ELAP #10879



AIR MONITORING DATA

AND

CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: DIP 2. Project Name: DIP Clean up 3. Project # 2240600 4. Project Monitor: James Austin

5. Date: 9/26/08 6. Abatement Location: Entire 7. ☒ PCM (0.8 micron MCE) 8. ☒ PCM (0.5 micron MCE) 9. Type: Pre-Abate

10. 926.0 11. Entire 12. 9/26/08 13. 9/26/08 14. 9/26/08 15. 9/26/08 16. 9/26/08 17. 9/26/08

18. 926.0 19. 926.0 20. 926.0 21. 926.0 22. 926.0 23. 926.0 24. 926.0

25. 926.0 26. 926.0 27. 926.0 28. 926.0 29. 926.0 30. 926.0

DAILY AIR SAMPLE RECORD

10. Sample ID 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. FCC
1		Field Blank	1430	4	4	1800	
2		Field Blank	1435	4	4	1800	
3		Field Blank	1438	4	4	1800	
4		Field Blank	1439	4	4	1804	
5		Field Blank	1442	4	4	1804	

CHAIN OF CUSTODY

8. Relinquished By: T. X. 19. Received By: T. X. 20. Date: 9/26/08 21. Time: 9:00

9. II 22. II 23. II 24. II 25. II 26. II 27. II 28. II 29. II 30. II

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

22. Lab Name: ATC 23. Date: 9/26/08 24. Time: 9:00

a. Analyzed By: T. X. b. QC By: T. X. c. Lab Batch #: 9/26/08

25. Microscope Make/Serial #: Nikon Labophot 238913 Nikon Labophot 238917 Nikon Labophot 239079

Analysis Methodology: PCM - NIOSH 7400A TEM - AHERA

ATC Project Manager:

27. Result To: B. S. Sallent 28. Comments: B. S. Sallent

WHITE File YELLOW Client Report

PINK Lab

GOLDENROD Field



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

September 27, 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. 8900:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Entire Building
Samples received: 09/27/02

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

Received: 9/27/02 8:00:00 AM
 ATC Group #: 8900
 Analysis Date: 9/27/02

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

Project: DEP Clean-up 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)	
03 8900 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
04 8900 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
05 8900 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
06 8900 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
07 8900 -5	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 PLW/TEM #101187-0, NY State ELAP #10879



AIR MONITORING DATA

AND

CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: **DEP**

2. Project Name: **DEP Cleanup**

3. Project # **0002**

4. Project Monitor: **C Johnson**

5. Date: **9/26/02**

6. Abatement Location: **CHT (me.)**

7. ☐ PCM (0.8 micron MCE)

8. ☒ PCM (0.45 micron MCE)

9. Type: **PMF**

10. Date: **9/26/02**

11. Date: **9/26/02**

12. Date: **9/26/02**

13. Date: **9/26/02**

14. Date: **9/26/02**

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95. Date: **9/26/02**

96. Date: **9/26/02**

97. Date: **9/26/02**

98. Date: **9/26/02**

99. Date: **9/26/02**

100. Date: **9/26/02**

DAILY AIR SAMPLE RECORD

Sample ID	Pump Number	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14b. Avg	15. Total Air Vol (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
01				Field Blank									
02				Field Blank									
03				272 D/cont	1430	2200	400	04	04	4	1100		
04				CLENN KAY	1430	2200	400	04	04	4	1100		
05				1 FL WASTE	1430	2200	400	04	04	4	1100		
06				CLENN KAY	1430	2200	400	04	04	4	1100		
07				BSMT STONE	1430	2200	400	04	04	4	1100		
08				D/cont CLENN KAY	1430	2200	400	04	04	4	1100		
09				front of Building	1430	2200	400	04	04	4	1100		
10				East side	1430	2200	400	04	04	4	1100		
11				front of Building	1430	2200	400	04	04	4	1100		
12				West side	1430	2200	400	04	04	4	1100		
13				CLOSE									
14				Blank									

CHAIN OF CUSTODY

8. Relinquished By: **[Signature]**

9. Received By: **[Signature]**

10. Date: **9/27/02**

11. Date: **9/27/02**

12. Date: **9/27/02**

13. Date: **9/27/02**

14. Date: **9/27/02**

15. Date: **9/27/02**

16. Date: **9/27/02**

17. Date: **9/27/02**

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19. Date: **9/27/02**

20. Date: **9/27/02**

21. Date: **9/27/02**

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96. Date: **9/27/02**

97. Date: **9/27/02**

98. Date: **9/27/02**

99. Date: **9/27/02**

100. Date: **9/27/02**



104 East 25th St., 10th Fl
New York, New York 10010
www.atc-enviro.com
212 353 8280
Fax 212.353.8306

September 28, 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. 8907:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Entire Building
Samples received: 09/28/02

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 cursive script, appearing to read 'Michael A. Gorycki', written in dark ink.

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

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

125 Cedar Street, New York, NY

Received: 9/28/02

8:00:00 AM

ATC Group #: 8907

Analysis Date: 9/28/02

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

Sample	Volume	Area Analyzed	Non Ash	Asbestos Type(s)	# Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5u-5	5u		(S/mm ³)	(S/cc)	
1 8907 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 8907 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 8907 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 8907 -4	1804.00	0.0450	0	None Detected	0	0	0.0047	<22.24	<0.0047	
5 8907 -5	1804.00	0.0450	0	None Detected	0	0	0.0047	<22.24	<0.0047	

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/mm³. 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 PLW/TEM #101127-0, NY State ELAP #10879



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1 Client	2 Project Name	3 Project #	4 Project Monitor	4c. Rotameter Number
PEP	PEP Pkono v/s	776063	4a. Air Sampler	SD 003
5 Date	2a Project Address	3a Task #	9. Type	
9/27/03	1950 22nd St NY	00	a. ☐ Background	☐ Environmental
	7 PCM (0.8 micron MCE)	6/17	b. ☐ Pre-Abate	☐ Ambient
	Cassette Filter Manufacture	9/6		☒ OSHA
	Lot #			

DAILY AIR SAMPLE RECORD

10	Sample ID 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	14b. Avg		
	B3				Field Blank								
	B3				Field Blank Scouted Block								
1			✓	✓	outside bldg North side up the scaffold	1430	2200	450	4	4	4	1800	
2			✓	✓	" S/W column	1435	2205	450	4	4	4	1800	
3			✓	✓	" S/E column	1438	2208	450	4	4	4	1800	
4			✓	✓	" W off wall N/E	1441	2241	451	4	4	4	1704	
5			✓	✓	" W off wall N/E	1443	2244	451	4	4	4	1704	

CHAIN OF CUSTODY

18 Relinquished By	19 Received By	20 Date	21 Time
II	III	9/28	8:00

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

22 Lab Name	23 Date	24 Time	25 Microscope Make/Serial #
PEP	9/28	12:30	☐ Nikon Labophot 238913
a. Analyzed By			☐ Nikon Labophot 238917
b. QC By			☐ Nikon Labophot 239079
c. Lab Batch #			
28 Comments			Analysis Methodology
			PCM - NIOSH 7400A
			TEM - AHERA

26 ATC Project Manager	27 Result To	28 Client Report
B. Sullivan	B. Sullivan	

WHITE Title YELLOW Client Report

PINK Lab GOLDENROD Field



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

September 28, 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. 8906:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Entire Building
Samples received: 09/28/02

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: 9/28/02

8:00:00 AM

ATC Group #: 8906

Analysis Date: 9/28/02

Project: DEP Clean-up 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)	
03 8906 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
04 8906 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
05 8906 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
06 8906 -4	1804.00	0.0450	0	None Detected	0	0	0.0047	<22.24	<0.0047	
07 8906 -5	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 PLWTEM #101187-0, NY State ELAP #10879



AIR MONITORING DATA

AND

CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: **DEP** **5/8 3/64-3/7/15 222806**

2. Project Name: **DEP Clean up** **3. Project # 8002**

2a. Project Address: **125 CEDAR ST** **3a. Task # 8002**

5. Date: **9-27-02** **6. Abatement Location: EAST ME**

7. ☐ PCM (0.8 micron MCE) **8. TEM (0.45 micron MCE)**

Cassette/Filter Manufacture **Lot #**

9. Type: **10. Project Monitor: C Johnson**

a. ☐ Background **4a. Air Sampler: u**

b. ☐ Pre Abate **4c. Rolameter Number: C5001**

c. ☒ Abatement **1. ☐ Environmental**

d. ☐ Post-Abate **g. ☐ Ambient**

e. ☐ OSHA **h. ☐ Other**

DAILY AIR SAMPLE RECORD

10. Sample ID 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		N/loop 2 fl	14302200	04	4	4	1800
04		CEDARS RAY					
05		fl waste	14312201	04	4	4	1800
06		CEDARS RAY					
07		STORE waste	14322203	04	4	4	1800
08		CEDARS RAY					
09		FRONT of Building	14342205	04	4	4	1800
10		EAST side					
11		FRONT of Building	14352205	04	4	4	1800
12		WEST side					
13		CLOSE					
14		BLANK					

CHAIN OF CUSTODY

18. Relinquished By: CD/Ch	19. Received By: [Signature]	20. Date: 9/28/02	21. Time: 11:00
22. Lab Name: TEM	23. Date: 9/28/02	24. Time: 11:00	
a. Analyzed By: [Signature]	b. QC By: [Signature]	c. Lab Batch #: [Blank]	

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

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. Sullivan**

27. Result to: **B. Sullivan**

Beper/Phone # S

28. Comments:

WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field



104 East 25th St., 10t
New York, New York 10
www.atc-enviro.c
212.353.8
Fax 212.353.8

September 28, 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. 8905:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Around Building
Samples received: 09/27/02

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 dark 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: 9/27/02

4:00:00 PM

ATC Group #: 8905

Analysis Date: 9/28/02

Project: DEP Clean-up 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	Asbestos Concentration		Notes
					0.5µ-5	5µ	(S/cc)	(S/mm ²)	(S/cc)	
04 8905 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
05 8905 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
06 8905 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
07 8905 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
08 8905 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
09 8905 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 8905 -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 analysis accuracy and precision) is available upon request.

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

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

Received: 9/27/02 4:00:00 PM
 ATC Group #: 8905
 Analysis Date: 9/28/02

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

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

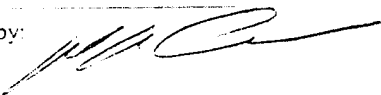
**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
 by EPA 40 CFR Part 763 Final Rule (AHERA)**

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)	
11 8905 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 8905 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

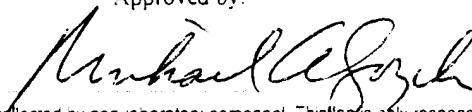
MARK PEYSAKHOV

MICHAEL A. GORYCKI, Ph.D.

Analyzed by:



Approved by:



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



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 1 of 1

TURNAROUND TIME

☐ 2 hrs ☐ 4 hrs ☐ 6 hrs ☐ 8 hrs ☐ 12 hrs ☐ 24 hrs ☐ 48 hrs ☐ 72 hrs ☐ Standard ☐ Other

PROJECT INFORMATION

1. Client: **DER**

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

3. Project # **15-22306-0002**

4. Project Monitor: **E. Lemowich**

4c. Rolameter Number: **Sib-006**

5. Date: **9/27/02**

6. Abatement Location: **Around building**

7. ☒ PCM (0.5 micron MCE) ☐ Cassette Filter Manufacture Lot # **916**

8. ☒ TEM (0.3 micron MCE) ☐ Cassette Filter Manufacture Lot # **916**

9. Type: **MMI**

9a. ☐ Background ☐ Pre-Abate ☐ Post-Abate ☐ OSHA

9b. ☐ Abatement ☐ Environmental ☐ Ambient ☒ Other **cleaning**

DAILY AIR SAMPLE RECORD

10. Sample ID 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. TWA	12b. OWA	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14b. Avg		
01											
02											
04											
05											
06											
07											
08											
09											
10											
11											
12											

CHAIN OF CUSTODY

18. Relinquished By: **E. Lemowich**

19. Received By: **JP**

20. Date: **9/27/02**

21. Time: **16:00**

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

22. Lab Name: **TEM**

23. Date: **9/28/02**

24. Time: **11:00**

25. Microscope Make/Serial #: ☐ Nikon Labophot 238913 ☐ Nikon Labophot 238917 ☐ Nikon Labophot 239079

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

TEM - AHERA

ATC Project Manager:

26. **B. Sallami**

27. Result To: **B. Sallami**

Beepers/Phone #'s

WHITE File YELLOW Client Report

PINK Lab

GOLDENROD Field



104 East 25th St., 10th Fl
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September 29, 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. 8913:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Around Building
Samples received: 09/28/02

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

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

125 Cedar Street, New York, NY

Received: 9/28/02

4:00:00 PM

ATC Group #: 8913

Analysis Date: 9/29/02

**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 ³)	Notes
04 8913 -1	1200.00	0.0674	0	None Detected	0	0.0048	<14.83	<0.0048
05 8913 -2	1200.00	0.0674	0	None Detected	0	0.0048	<14.83	<0.0048
06 8913 -3	1800.00	0.0450	0	None Detected	0	0.0048	<22.24	<0.0048
07 8913 -4	1800.00	0.0450	0	None Detected	0	0.0048	<22.24	<0.0048
08 8913 -5	1800.00	0.0450	0	None Detected	0	0.0048	<22.24	<0.0048
09 8913 -6	1800.00	0.0450	0	None Detected	0	0.0048	<22.24	<0.0048
10 8913 -7	1800.00	0.0450	0	None Detected	0	0.0048	<22.24	<0.0048

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/mm³. 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 PLW/TEM #101187-0, NY State ELAP #10879



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

8913 10/13 3246-3258

PROJECT INFORMATION

1. Client: DEP	2. Project Name: DEP Clean - w/p	3. Project # 15-22306-0002	4. Project Monitor: E. Lenczovic	4c. Rolameter Number: SD-006
5. Date: 9.28.02	2a. Project Address: 125 Cedar St.	3a. Task # 00002	4a. Air Sampler: E. Lenczovic	
6. Abatement Location: Around building	7. ☐ PCM (0.8 micron MCL) Cassette/Filter Manufacture Lot #	8. ☒ TEM (0.45 micron MCL) Cassette/Filter Manufacture Lot # MMF 916	9. Type: MMF	
			a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA	f. ☐ Environmental g. ☐ Ambient h. ☒ Other Clean-up

DAILY AIR SAMPLE RECORD

10. Sample ID 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	13c. Total	14a. Start	14b. End	14b. Avg			
01												
02												
04				06:30	11:30	300	4	4	4	1200		
05				06:31	11:31	300	4	4	4	1200		
06				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				06:50	14:20	450	4	4	4	1800		
12				06:52	14:22	450	4	4	4	1800		
13				06:54	14:24	450	4	4	4	1800		

CHAIN OF CUSTODY

18. Relinquished By: E. Lenczovic	19. Received By: [Signature]	20. Date: 9.28.02	21. Time: 16:00
II			
III			

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

22. Lab Name: ATC-TEM	23. Date: 9/28/02	24. Time: 13:50
a. Analyzed By: [Signature]		
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 - AHERA		

26. ATC Project Manager: R. Sallemi	27. Result To: B. Sallemi
Beeper/Phone #'s	

28. Comments:

WHITE - File YELLOW - Client/Report

PINK - Lab GOLDENROD - Field

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

Received: 9/28/02 4:00:00 PM
 ATC Group #: 8913
 Analysis Date: 9/29/02

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

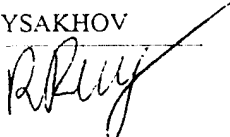
Project: DEP Clean-up Project #: 22906-0002
 125 Cedar Street, New York, NY

**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)	
11 8913 -3	1500.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 8913 -9	1500.00	0.0450	0	CHRYSTILE	0	1	0.0048	22.24	0.0048	
13 8913 -10	1500.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

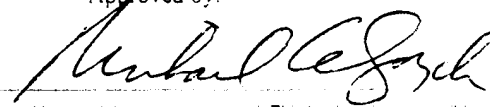
ROMAN PEYSAKHOV

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



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

September 29, 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. 8911:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Entire Building
Samples received: 09/27/02

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 the typed name.

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

Received: 9/27/02 11:00:00 PM
 ATC Group #: 8911
 Analysis Date: 9/29/02

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

Project: DEP Clean-up 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)	
1 8911 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 8911 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 8911 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 8911 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 8914 -5	1804.00	0.0450	0	None Detected	0	0	0.0047	<22.24	<0.0047	

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 PLW/TEM #101187-3, NY State ELAP #10879



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page _____ of _____

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 phoning	3. Project # 3230-3237	4. Project Monitor John H. S. S.
5. Date: 9/20/01	2a. Project Address 125 E. 42nd St. NYC	3a. Task # 02	4a. Air Sampler 125 E. 42nd St. NYC
6. Abatement Location: 125 E. 42nd St. NYC	7. PCM (0.5 micron MCE) 125 E. 42nd St. NYC	8. TEM (0.5 micron MCE) 125 E. 42nd St. NYC	9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☐ Ambient h. ☐ Other

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. FCC
		12a. IWA	12b. OWA	13a. Start	13b. End	13c. Total	14a. Start	14b. End			
1											
2				1430	2200	450	4	4	1800		
3				1435	2205	450	4	4	1800		
4				1436	2208	450	4	4	1800		
5				1441	2211	450	4	4	1800		
6				1444	2215	451	4	4	1804		

CHAIN OF CUSTODY

18. Relinquished By: John H. S. S.	19. Received By: John H. S. S.	20. Date: 09/27/01	21. Time: 1300
22. Relinquished By: John H. S. S.	23. Date: 09/29/01	24. Time: 9:15	
25. Relinquished By: John H. S. S.	26. Date: 09/29/01	27. Time: 9:15	

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

22. Lab Name: ATC-7E	23. Date: 09/29/01	24. Time: 9:15
a. Analyzed By: John H. S. S.	b. QC By:	c. Lab Batch #:
25. Microscope Make/Serial #: ☐ Nikon Labophot 238913 ☐ Nikon Labophot 238917 ☐ Nikon Labophot 239079		
26. Analysis Methodology: PCM - NIOSH 7400A TEM - AHERA		

WHITE - File YELLOW - Client Report

PINK - Lab GOLDENROD - Field

NY 1 (1/01)



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

September 30, 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. 8916:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Entire Building
Samples received: 09/30/02

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: 9/30/02

8:00:00 AM

ATC Group #: 8916

Analysis Date: 9/30/02

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)	
1 8916 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 8916 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 8916 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 8916 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 8916 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

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



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

3280-3282

PROJECT INFORMATION

1. Client: PCP	2. Project Name: PCP	3. Project # 3280-3282	4. Project Monitor: 4a-Air Sampler	4c. Rotameter Number: 5100008
5. Date: 9/9/02	6. Abatement Location: 11th	7. PCM (0.5 micron MCE) X	8. PCM (0.5 micron MCE) 11th	9. Type: a. Background
		10. PCM (0.5 micron MCE) 11th	11. PCM (0.5 micron MCE) 11th	12. PCM (0.5 micron MCE) 11th

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
1		Field Blank					
2		Field Blank					
3		outside blng Northside	1430	4	1800		
4		up the street	1435	4	1700		
5		"	1438	4	1700		
6		1st corner	1441	4	1700		
7		"	1444	4	1700		
8		10' off wall NW					
9		10' off wall NE					

CHAIN OF CUSTODY

18. Relinquished By: I	19. Received By: FE	20. Date: 9/9/02	21. Time: 8:00
26. ATC Project Manager: B. Sullivan	27. Result To: B. Sullivan	28. Comments:	

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

22. Lab Name: ATC-TEM	23. Date: 9/30/02	24. Time: 11:30
a. Analyzed By: RDW	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 - AHERA		



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Fax 212.353.8306

September 30, 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. 8915:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Entire Building
Samples received: 09/30/02

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

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

125 Cedar Street, New York, NY

Received: 9/30/02

8:00:00 AM

ATC Group #: 8915

Analysis Date: 9/30/02

**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
03 8915 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
04 8915 -2	1800.00	0.0450	0	CHRYSTILE	1	0	0.0048	22.24	0.0048
05 8915 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
06 8915 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
07 8915 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048

ROMAN PEYSAKHOV

Analyzed by:

A handwritten signature in black ink, appearing to read 'R. Peysakhov'.

MICHAEL A. GORYCKI, Ph.D.

Approved by:

A handwritten signature in black ink, appearing to read 'Michael A. Gorycki'.

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 PLWTEM #101187-0, NY State ELAP #10879



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1 Client: DLP	2 Project Name: DLP cleanup	3 Project # 5001	4 Project Monitor: Johnson	4c Rollmeter Number: C2001
5 Date: 8/15/06	2a Project Address: 15 Cedar St	3a Task # 5001	4a Air Sampler: Johnson	
6 Abatement Location: CHMCE	7 PCM (0.8 micron MCE)	8 TEM (0.45 micron MCE)	9 Type: MMT	
	Cassette Filter Manufacture Lot #	Cassette Filter Manufacture Lot #	a. Background	b. Pre-Abate
			c. Abatement	d. Post-Abate
			e. OSHA	

TURNAROUND TIME

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

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 DWA	13a Start	13b End	13c Total	14a Start	14b End	14b Avg		
01											
02											
03				1430	2200	430	04	04	4	1500	
04				1430	2200	430	04	04	4	1500	
05				1432	2200	430	04	04	4	1500	
06				1434	2200	430	04	04	4	1500	
07				1436	2200	430	04	04	4	1500	
08											

CHAIN OF CUSTODY

18 Held by: [Signature]	19 Received By: [Signature]	20 Date: 8/15/06	21 Time: 8:00
26 ATC Project Manager: [Signature]	27 Result To: [Signature]		

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

22 Lab Name: ATC-TEM	23 Date: 8/30/02	24 Time: 11:30
a. Analyzed By: [Signature]		
b. QC By:		
c. Lab Batch #:		
25 Microscope Make/Serial #:	28 Comments:	
☐ Nikon Labophot 238913		
☐ Nikon Labophot 238917		
☐ Nikon Labophot 239079		
Analysis Methodology:		
PCM - NIOSH 7400A		
TEM - AHERA		



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Fax 212.353.8306

September 30, 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. 8914:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Around Building
Samples received: 09/30/02

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

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

125 Cedar Street, New York, NY

Received: 9/30/02

8:00:00 AM

ATC Group #: 8914

Analysis Date: 9/30/02

**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 8914 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
05 8914 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
06 8914 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
07 8914 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
08 8914 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
09 8914 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
10 8914 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

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 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 PLWTEM #101187-0, NY State ELAP #10879

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

Received: 9/30/02 8:00:00 AM
 ATC Group #: 8914
 Analysis Date: 9/30/02

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		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5	5µ		(S/mm ²)	(S/cc)	
11 8914 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
12 8914 -9	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
13 8914 -10	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

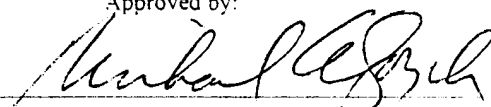
ROMAN PEYSAKHOV

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



AIR MONITORING DATA
AND
CHAIN OF CUSTODY FORM

PROJECT INFORMATION

Client: **DEP**
2. Project Name: **DEP clean-up**
2a. Project Address: **125 Cedar St. NY**
3. Project # **15-22306-0002**
3a. Task # **0002**
4. Project Monitor: **E. Lemanovich**
4c. Rotameter Number: **37-006**
5. Date: **9.29.03**
6. Abatement Location: **2 Around building**
7. ☒ PCM (0.8 micron MCE)
8. ☒ TEM (0.45 micron MCE)
Cassette/Filter Manufacture: **MNI**
Lot #: **316**
9. Type: **Pre-Abate**
a. ☐ Background
b. ☐ Post-Abate
c. ☐ Abatement
d. ☐ OSHA
e. ☐ Environmental
f. ☐ Ambient
g. ☐ Other

DAILY AIR SAMPLE RECORD

Sample I.D. Number	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										
06										
07										
08										
09										
10										
11										
12										
13										

CHAIN OF CUSTODY

18. Relinquished By: **E. Lemanovich**
19. Received By: **B. Sallemi**
20. Date: **9.29.03**
21. Time: **8:00**
22. Lab Name: **ATC-TEM**
23. Date: **9/30/02**
24. Time: **11:30**
25. Microscope Make/Serial #: **Nikon Labophot 238913**
26. ATC Project Manager: **B. Sallemi**
27. Result To: **B. Sallemi**
28. Comments: **Pre-Abate**
29. Analysis Methodology: **PCM - NIOSH 7400A**
30. TEM - AHERA



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

October 1, 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. 8919:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Entire 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 cursive script, appearing to read 'Michael A. Gorycki'.

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



AIR MONITORING DATA

AND

CHAIN OF CUSTODY FORM

PROJECT INFORMATION

Client: **DEP**

Project Name: **DEP CLEAN UP**

Project Address: **125 CROWN ST**

Date: **12/30/02**

Abatement Location: **ENTRANCE**

Project # **0002**

Task # **0002**

Project Monitor: **C Johnson**

Air Sampler: **—**

Rotameter Number: **C500P**

9. Type: ☒ Abatement ☐ Environmental

a. ☐ Background ☐ Post-Abate

b. ☐ Pre-Abate ☐ OSHA

DAILY AIR SAMPLE RECORD

Sample I.D. Number	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	13c. Total	14a. Start	14b. End			
01											
02											
03				1430	2200	450	04	4	1800		
04				1431	2201	450	04	4	1800		
05				1432	2202	450	04	4	1800		
06				1433	2203	450	04	4	1800		
07				1436	2206	450	04	4	1800		
08											

CHAIN OF CUSTODY

8. Relinquished By: **[Signature]**

19. Received By: **[Signature]**

20. Date: **10/01/02**

21. Time: **8:00 AM**

27. Result To: **B Samimi**

Beeper/Phone #'s: **—**

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

22. Lab Name: **DEP**

23. Date: **10/01/02**

24. Time: **10:00 AM**

a. Analyzed By: **[Signature]**

b. QC By: **—**

c. Lab Batch #: **—**

25. Microscope Make/Serial #: **—**

☐ Nikon Labophot 238913

☐ Nikon Labophot 238917

☐ Nikon Labophot 239079

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

REM - AHERA

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

125 Cedar Street, New York, NY

Received: 10/1/02

8:00:00 AM

ATC Group #: 8919**Analysis Date:** 10/1/02

**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')	(S/cc)	
03 8919 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
04 8919 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
05 8919 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
06 8919 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
07 8919 -5	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 PLWTEM #101187-0, NY State ELAP #10879



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

October 1, 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. 8920:

Client: D.E.P.
Project Name: D.E.P. Clean-up, 125 Cedar St., NY, NY
Location: Entire 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'.

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

8:00:00 AM

ATC Group #: 8920

Analysis Date: 10/1/02

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	Asbestos Concentration		Notes
					0.5µ-5	5µ	(S/cc)	(S/mm ²)	(S/cc)	
1 8920 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 8920 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 8920 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 8920 -4	1804.00	0.0450	0	None Detected	0	0	0.0047	<22.24	<0.0047	
5 8920 -5	1804.00	0.0450	0	None Detected	0	0	0.0047	<22.24	<0.0047	

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 or 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 PLW/TEM #101187-0, NY State ELAP #10879



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

336-3323

PROJECT INFORMATION

1. Client: DEF 2. Project Name: DEF Clean up 3. Project # 336-3323 4. Project Monitor: SD OOS

5. Date: 1300 6. Abatement Location: 1300 E MIE 7. PCEM (0.8 micron MCE) X 8. TEM (0.45 micron MCE) MMT 9. Type: Background Pre-Abate OSHA Abatement Post-Abate Environmental Ambient Other

10. Sample Location: 1300 E MIE 11. Pump Number: 1300 12. Sample Coordinates: 1300 E MIE 13. Time (24 hrs clock): 1430 14. Flow Rate (L/min.): 4 15. Total Air Vol. (liters): 1700 16. # Fibers/Fields Minus Blank: 4 17. Fiber Conc. F/CC: 1700

DAILY AIR SAMPLE RECORD

Sample ID Number	Pump Number	12a IWA	12b OWA	12c Sample Coordinates	13a Start	13b End	13c Total	14a Start	14b End	14c Avg	15 Total Air Vol. (liters)	16 # Fibers/Fields Minus Blank	17 Fiber Conc. F/CC
1	1300			outside blag north side up the street	1430	2200	450	4	4	4	1700		
2	1300			" "	1435	2205	450	4	4	4	1700		
3	1300			" "	1436	2206	450	4	4	4	1700		
4	1300			" "	1441	2212	451	4	4	4	1704		
5	1300			" "	1444	2215	451	4	4	4	1704		

CHAIN OF CUSTODY

18. Relinquished By: 1300 19. Received By: 1300 20. Date: 10/10/04 21. Time: 8:00

22. Lab Name: DEF 23. Date: 10/10/04 24. Time: 10:50

25. Microscope Make/Serial #: Nikon Labophot 238913 Nikon Labophot 238917 Nikon Labophot 239079

26. ATC Project Manager: BSA/Hor 27. Result To: BSA/Hor 28. Comments:

29. Analysis Methodology: PCM - NIOSH 7400A TEM - AHERA