

10/10/2002 07:39 FAX 212 353 8306

ATC

001



ASSOCIATES INC.

104 EAST 25TH STREET
NEW YORK, NEW YORK 10010-2917
(TEL.) 212-353-8280 (FAX) 212-353-8306

F A X T R A N S M I T T A L

DATE: October 10, 2002
TO: Penny Theodorellys
COMPANY: NYCDEP
ADDRESS: 59-17 Junction Blvd.
PHONE NUMBER: 718-595-3657
FAX NUMBER: 718-595-3744
FROM: Benjamin M. Sallemi
PHONE NUMBER: 212.353.8280 ext. 295
SUBJECT: 125 Cedar Street – Fiberglass Clearance Results

NUMBER OF PAGES TO FOLLOW COVER: 12

Message:

Penny,

Fiberglass clearance results have been analyzed via NIOSH 7400 "B" counting rules. All results appear acceptable.

If you have any questions, please feel free to contact me at the telephone number above.

Thanks.

Ben Sallemi

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AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

 Page 1 of 4

TURNAROUND TIME

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

PROJECT INFORMATION

1. Client: DEP		2. Project Name: DEP Clean-up		3. Project # 15-22306-0002		4. Project Monitor: E. Lewanovich		4c. Rotameter Number: SD-006	
5. Date: 10.07.02		6. Abatement Location: 125 Cedar St		7. ☒ PCM (0.45 micron MCF)		8. ☒ TEM (0.45 micron MCF)		9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA	
10.07.02		Lot # 01283108		Case/Filter Manufacturer		Lot #		10. Environmental g. ☐ Ambient h. ☐ Other	

DAILY AIR SAMPLE RECORD

11. Sample Location		12. Sample Coordinates			13. Time (24 hrs clock)			14. Flow Rate (L/min.)			15. Total Air Vol. (liters)		16. Fibers/Fields Minus Blank		17. Fiber Conc. FCC	
10. Sample ID Number	Pump Number	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Avg	15a. Total	15b. Avg	16a. Total	16b. Avg	17a. Total	17b. Avg
FB-PH-01		✓		13 Floor Pent house	16:31	22:55	384	10	10	10	3840	10	4100	4100	<0.001	
FB-PH-02		✓		---	16:33	22:56	383	10	10	10	3830	10	3100	3100	<0.001	
FB-PH-03		✓		---	16:35	22:57	382	10	10	10	3820	10	3100	3100	<0.001	
FB-PH-04		✓		---	16:37	22:58	381	10	10	10	3810	10	2100	2100	<0.001	
FB-PH-05		✓		---	16:39	22:59	380	10	10	10	3800	10	3100	3100	<0.001	
FB-12N-06		✓		12 Floor Apartment North	16:44	23:05	381	10	10	10	3810	10	4100	4100	<0.001	
FB-12N-07		✓		---	16:46	23:06	380	10	10	10	3800	10	3100	3100	<0.001	
FB-12N-08		✓		---	16:48	23:07	379	10	10	10	3790	10	4100	4100	<0.001	
FB-12N-09		✓		---	16:50	23:08	378	10	10	10	3780	10	1100	1100	<0.001	
FB-12N-10		✓		---	16:52	23:09	377	10	10	10	3770	10	58100	58100	<0.001	
FB-12SW-11		✓		12 Floor Apartment SW	16:57	23:12	375	10	10	10	3750	10	108100	108100	<0.001	
FB-12SW-12		✓		---	16:59	23:13	374	10	10	10	3740	10	108100	108100	<0.001	

CHAIN OF CUSTODY

18. Relinquished By: E. Lewanovich	19. Retained By: A. Elbert	20. Date: 10.2.2.11/24	21. Time: 11:24
22. Lab Name: ATC		23. Date: 10/07/02	24. Time: 18:50
25. Microscope Make/Model: Nikon Labophot 238917		26. Comments: 101526	

LAB INFORMATION (ATCELAP # 10879, ATCNVLA # 1187)

25. Microscope Make/Model: Nikon Labophot 238917	
26. Comments: 101526	

26. ATC Project Manager: B. Sallemi	27. Result To: B. Sallemi
--	----------------------------------

28. Comments: 101526

NY-1 (1/01)

10/10/2002 07:40 FAX 212 353 8308

ATC

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AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 2 of 4

TURNAROUND TIME

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

PROJECT INFORMATION

Client: DEP

2. Project Name: DEP Clean-up

4. Project Monitor:

4a. Air Sampler: E. Lemanovich

4c. Rotameter Number:

SD-006

Date: 00.02

6. Abatement Location:

7. ☒ PCM (0.45 micron ACE)

Cassette/Filter Manufacturer:

Lot #

1283103

8. ☐ TEM (0.45 micron ACE)

Cassette/Filter Manufacturer:

Lot #

1283103

9. Type:

a. ☐ Backgroundb. ☐ Pre-Abatec. ☐ Abatementd. ☐ Post-Abatee. ☐ OSHAi. ☐ Environmentalg. ☐ Ambienth. ☐ Other

DAILY AIR SAMPLE RECORD

Sample ID Number	Pump Number	12. Sample Location		13. Time (24 hrs clock)			14. Flow Rate (L/min.)		15. Total Air Vol (liters)	16. # Filters/Fields Minus Blank	17. Filter Conc. F/CC
		12a. IWA	12b. OWA	13a. Start	13b. End	13c. Total	14a. Start	14b. End			
FB-12SW-13		V		17:01	23:14	372	10	10	3730	4/100	<0.001
FB-12SE-14		V		17:05	23:17	372	10	10	3720	5/100	<0.001
FB-12SE-15		V		17:07	23:18	371	10	10	3710	4/100	<0.001
FB-12SE-16		V		17:09	23:19	370	10	10	3700	8/100	<0.001
FB-12SE-17		V		17:11	23:20	369	10	10	3690	8/100	<0.001
FB-12SE-18		V		17:13	23:21	368	10	10	3680	5/100	<0.001
FB-11W-19		V		17:19	23:24	365	10	10	3650	7/100	<0.001
FB-11W-20		V		17:21	23:25	364	10	10	3640	6/100	<0.001
FB-11W-21		V		17:23	23:26	363	10	10	3630	7/100	<0.001
FB-11W-22		V		17:25	23:27	362	10	10	3620	5/100	<0.001
FB-11W-23		V		17:27	23:28	361	10	10	3610	4/100	<0.001
FB-11S-24		V		17:33	23:35	362	10	10	3620	4/100	<0.001

CHAIN OF CUSTODY

18. Relinquished By:	19. Received By:	20. Date:	21. Time:
IC Lemanovich	A. Elbert	10.8.2	11am
II			
III			

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

22. Lab Name:	ATC	23. Date:	10/08/02
a. Analyzed By:	Atc	24. Time:	1850
b. QC By:			
c. Lab Batch #:	1015226		

25. Microscope Make/Serial #:

☒ Nikon Labophot 238917

☐ Nikon Labophot 239079

Analysis Methodology:

✓ PCM - NIOSH 7400A B ac

TEM - AMERA

28. Comments:

26. ATC Project Manager:

B. Sallewi

27. Result To:

B. Sallewi

Beeper/Phone #s:

WHITE - File YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field

NY-1 (1/01)

10/10/2002 07:41 FAX 212 353 8306

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0004

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TURNAROUND TIME

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

IM

4. Project Monitor:		4c. Rotameter Number:	
# 106-0008		SD-006	
4a. Air Sampler: E. Lemarovich			
9. Type:		1. ☐ Environmental	
a. ☐ Background		g. ☐ Ambient	
b. ☐ Pre-Abate		h. ☐ Other	
c. ☐ Abatement			
d. ☐ Post-Abate			
e. ☐ OSHA			

13c. Total	14. Flow Rate (L/min.)		15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
	14a. Start	14b. End			
36	361	10	10	3610	16/100
37	360	10	10	3600	5/100
39	360	10	10	3600	9/100
41	360	10	10	3600	8/100
57	366	10	10	3660	10/100
58	365	10	10	3650	5/100
59	364	10	10	3640	4/100
60	363	10	10	3630	3/100
61	362	10	10	3620	5/100
34	368	10	10	3680	5/100
36	367	10	10	3670	7/100
37	366	10	10	3660	3/100

FORMATION (ATCE LAP # 10879, ATC NVLAP # 1187)

Time: ATC	23. Date: 10/02/02	24. Time: 1850
Typed By: R. Chap		
Batch #: 101526		

25. Microscope Make/Serial # Nikon Labophot 238913	Analysis Methodology ✓ PCM - NIOSH 7400A B TEM - AHERA
☐ Nikon Labophot 238917 ☐ Nikon Labophot 239079	

Lab GOLDENROD - Field

NY-1 (1/01)

10/10/2002 07:44 FAX 212 353 8306

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ASSOCIATES INC.

104 EAST 25TH STREET
NEW YORK, NEW YORK 10010-2917
(TEL.) 212-353-8280 (FAX) 212-353-8306

F A X T R A N S M I T T A L

DATE: October 10, 2002
TO: Penny Theodorellis
COMPANY: NYCDEP
ADDRESS: 59-17 Junction Blvd.
PHONE NUMBER: 718-595-3657
FAX NUMBER: 718-595-3744
FROM: Benjamin M. Sallemi
PHONE NUMBER: 212.353.8280 ext. 295
SUBJECT: 125 Cedar Street – Asbestos Clearance Results

NUMBER OF PAGES TO FOLLOW COVER: 24

Message:

Penny,

Asbestos clearance results have been analyzed first via NIOSH 7400 "A" counting rules, followed by TEM NIOSH 7402, then finally by the AHERA methodology. All results to date appear acceptable. However, please note that not all analyses for asbestos samples have been completed. ATC has only included NIOSH 7402 and AHERA results for clearance samples taken from the Penthouse down to the 10th floor. As the remaining sets become available, we will be sure to forward them to you.

If you have any questions, please feel free to contact me at the telephone number above.

Thanks.

Ben Sallemi

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10/10/2002 07:44 FAX 212 353 8306

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002

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: 10/8/02

11:10:00 AM

ATC Group #: 8943

Analysis Date: 10/9/02

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

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

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures 0.5µ-5 µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²)	(S/cc)	Notes
PH-01 8943 -1	3850.00	0.1236	3	None Detected	0	0	0.0008	<8.09	<0.0008 Cellulose - 3 Structures
PH-02 8943 -2	3840.00	0.1236	4	None Detected	0	0	0.0008	<8.09	<0.0008 Cellulose - 4 Structures
PH-03 8943 -3	3830.00	0.1236	3	None Detected	0	0	0.0008	<8.09	<0.0008 Cellulose - 3 Structures
PH-04 8943 -4	3820.00	0.1236	1	None Detected	0	0	0.0008	<8.09	<0.0008 Cellulose - 1 Structures
PH-05 8943 -5	3810.00	0.1236	1	None Detected	0	0	0.0008	<8.09	<0.0008 Cellulose - 1 Structures
12N-06 8943 -6	3820.00	0.1236	1	None Detected	0	0	0.0008	<8.09	<0.0008 Cellulose - 1 Structures
12N-07 8943 -7	3810.00	0.1236	0	None Detected	0	0	0.0008	<8.09	<0.0008

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

10/10/2002 07:45 FAX 212 353 8306

ATC

0003

Attn: Benjamin Sallemi

ATC Associates Inc.

104 East 25th Street

New York

NY 10010

Fax: (212) 353-3599

Phone: (212) 353-8280

Received: 10/8/02

11:10:00 AM

ATC Group #: 8943

Analysis Date: 10/9/02

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 Ash	Asbestos Type(s)	# Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5 µ	5µ		(S/mm ²)	(S/cc)	
12N-08 8943 -8	3800.00	0.1236	1	None Detected	0	0	0.0008	<8.09	<0.0008	Cellulose - 1 Structures
12N-09 8943 -9	3790.00	0.1236	5	None Detected	0	0	0.0008	<8.09	<0.0008	Cellulose - 5 Structures
12N-10 8943 -10	3780.00	0.1236	0	None Detected	0	0	0.0008	<8.09	<0.0008	
12SW-11	3760.00	0.1236	3	None Detected	0	0	0.0008	<8.09	<0.0008	Cellulose - 3 Structures

10/11/2002 17:06 FAX 212 353 8306

ATC

001/007



FACSIMILE TRANSMITTAL

TO: Perry Theodorelly FROM: Benjamin Sallen
 COMPANY: NYC DEP COMPANY: ATC ASSOCIATES INC.
 PHONE NO.: 718-595-3657 PHONE NO.: (212) 353-8280 Ext. 295
 FAX: 718-595-3744 FAX: (212) 353-8306
 DATE: 10/11/02 TIME: _____ NUMBER OF PAGES TO FOLLOW 6

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Your Request ☐ Confidential

COMMENTS:

10/11/2002 17:07 FAX 212 353 8308

ATC

002/007

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: 10/9/02 8:00:00 AM

ATC Group #: 8946

Analysis Date: 10/10/02

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 via NIOSH
Method 7402**

Sample	Volume	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
A-9N-01 8046 -1	1870.00	5	0.001	None Detected	0	0	<0.0013	Cellulose - 5 Structures
A-9N-02 8046 -2	1860.00	5	0.001	None Detected	0	0	<0.0013	Cellulose - 3 Structures, Gypsum - 2 Structures
A-9N-03 8046 -3	1850.00	4	0.001	CHRYSOTILE	2	33	0.0003	Cellulose - 2 Structures, Gypsum - 2 Structures
A-9N-04 8046 -4	1840.00	4	0.001	None Detected	0	0	<0.0013	Cellulose - 3 Structures, Gypsum - 1 Structures
A-9N-05 8046 -5	1830.00	4	0.001	None Detected	0	0	<0.0013	Cellulose - 4 Structures
A-9S-06 8046 -6	1910.00	7	0.001	CHRYSOTILE	1	13	0.0001	Cellulose - 5 Structures, Gypsum - 2 Structures
A-9S-07 8046 -7	1900.00	4	0.002	None Detected	0	0	<0.0013	Cellulose - 1 Structure, Gypsum - 3 Structures

MARK PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D.

Approved by:

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Analysis performed by ATC Associates Inc. (NY ELAP #10879)

Forty Grid Openings from each of the samples were examined for structures greater than 4µm length and widths between 0.25µ and 3µ, and having a length-to-width ratio greater than 3:1

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