

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280 Fax: (212) 353-8306



Attn: Mr. Bernard Orlan
 N.Y.C. Board of Education
 28-11 Queens Plaza North
 Long Island City, NY 11101

Received: 4/5/02 4:15:00 PM
 ATC Group #: 7333
 Analysis Date: 4/5/02

Fax: (212) 475-4122 Phone: (212) 477-8941

Project: H.S. Of Economics And Finance
 100 Trinity Place, New York, NY

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

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5	5µ		(S/mm²)	(S/cc)	
04 7333 -1	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
05 7333 -2	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
06 7333 -3	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
07 7333 -4	1928.00	0.0450	0	None Detected	0	0	0.0044	<22.24	<0.0044	
08 7333 -5	1928.00	0.0450	0	None Detected	0	0	0.0044	<22.24	<0.0044	
09 7333 -6	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
10 7333 -7	1928.00	0.0450	0	None Detected	0	0	0.0044	<22.24	<0.0044	

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

Page 1 of 3

CONFIDENTIAL,

CITY_21MC100_003459899

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

Attn: Mr. Bernard Orlan
 N.Y.C. Board of Education
 28-11 Queens Plaza North
 Long Island City, NY 11101

Received: 4/5/02 4:15:00 PM
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Fax: (212) 475-4122 Phone: (212) 477-8941

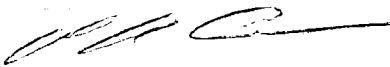
Project: H.S. Of Economics And Finance
 100 Trinity Place, New York, NY

**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 µm	5µ		(S/mm ²)	(S/cc)	
11 7333 -8	1928.00	0.0450	0	None Detected	0	0	0.0044	<22.24	<0.0044	
12 7333 -9	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
13 7333 -10	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
14 7333 -11	1928.00	0.0450	0	None Detected	0	0	0.0044	<22.24	<0.0044	
15 7333 -12	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
16 7333 -13	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
17 7333 -14	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
18 7333 -15	1928.00	0.0450	0	None Detected	0	0	0.0044	<22.24	<0.0044	
19 7333 -16	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	

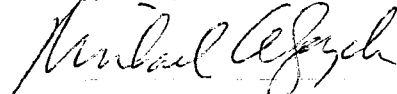
MARK PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

Approved by:



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

Page 2 of 3

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CITY_21MC100_003459900

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Long Island City, NY 11101

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Analysis Date: 4/5/02

Fax: (212) 475-4122 Phone: (212) 477-8941

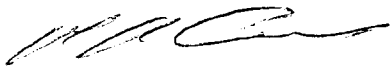
Project: H.S. Of Economics And Finance
100 Trinity Place, New York, NY

**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)	
20 7333 -17	1928.00	0.0450	0	None Detected	0	0	0.0044	<22.24	<0.0044	

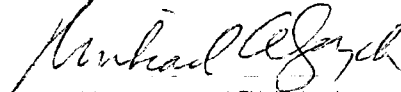
MARK PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D

Approved by:



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Accredited for NVLAP PLM/TEM #101167-0, NY State ELAP #10879



AIR MONITORING DATA AND

CHAIN OF CUSTODY FORM

Page 1 of 1

TURNAROUND TIME

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

PROJECT INFORMATION

1. Client: NIC-BCE		2. Project Name: HS ECONOMIC ST FINANCE		3. Project #: 83648-83667		4. Project Monitor: Kevin Fitzpatrick		4c. Rotameter Number: SDCS7	
5. Date: 4-5-02		6. Abatement Location: ENTIRE SCHOOL VARIOUS LOCATIONS		7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacture _____ Lot # _____		8. ☒ TEM (0.45 micron MCE) Cassette/Filter Manufacture _____ Lot # 012079116		9. Type: a. ☐ Background c. ☐ Abatement b. ☐ Pre-Abate 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. F/CC
		12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14b. Avg		
01				Field Blank								
02				Field Blank								
03				open blank								
04				outside of main entrance of school north side	7:00 AM	11:00 AM	240	8.0	8.0	8.0	1920	
05				outside of coat room 1st floor	7:02 AM	11:02 AM	240	8.0	8.0	8.0	1920	
06				in stairwell "B" 7th floor	7:04 AM	11:04 AM	240	8.0	8.0	8.0	1920	
07				south side of roof area	7:06 AM	11:07 AM	241	8.0	8.0	8.0	1928	
08				south side of auditorium 1st floor	7:08 AM	11:09 AM	241	8.0	8.0	8.0	1928	

CHAIN OF CUSTODY

18. Relinquished By: Kevin Fitzpatrick	19. Received By: Mark Taborson	20. Date: 4/5/02	21. Time: 16:15
26. ATC Project Manager: Mark Taborson		27. Result To: _____ Beeper/Phone #'s _____	

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

22. Lab Name: NYC DEP	23. Date: 4/5	24. Time: 20:30	25. Microscope Make/Serial #: ☐ Nikon Labophot 238913 ☐ Nikon Labophot 238917 ☐ Nikon Labophot 239079
a. Analyzed By: PLD			
b. QC By:			
c. Lab Batch #:			
28. Comments:			Analysis Methodology: PCM - NIOSH 7400A TEM - AHERA

WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field

NY-1 (1/00)

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_003459919



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 PUSH

PROJECT INFORMATION

1. Client: NYC - BOE 2. Project Name: H.S. ECONOMIST FINANCE 3. Project #: 14584-865 4. Project Monitor: Kevin 4c. Rotameter Number: 50087

2a. Project Address: 100 TRINITY PLACE NY, NY 10001 3a. Task #: 00001 4a. Air Sampler: PHILIP PATRICK

5. Date: 4-5-02 6. Abatement Location: ENTIRE SCHOOL VARIOUS LOCATIONS 7. ☐ PCM (0.8 micron MCE) 8. ☒ TEM (0.45 micron MCE) 9. Type: c. ☐ Abatement f. ☐ Environmental

Cassette/Filter Manufacture _____ Cassette/Filter Manufacture 01207916 a. ☐ Background d. ☐ Post-Abate g. ☒ Ambient

Lot # _____ Lot # _____ b. ☐ Pre-Abate e. ☐ OSHA 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. F/CC
		12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14b. Avg		
				Field Blank								
				Field Blank								
09				NORTHSIDE OF 8 TH FLOOR CATERIA	7:10 AM	11:10 AM	240	8.0	8.0	8.0	1920	
10				9 TH FLOOR Hallway NEXT TO CLASSROOM 904	7:14 AM	11:15 AM	241	8.0	8.0	8.0	1928	
11				INSIDE TEACHERS LOUNGE Rm 801 SOUTHSIDE	7:16 AM	11:17 AM	241	8.0	8.0	8.0	1928	
12				7 TH FLOOR NEXT TO STAIRWELL 'A' WESTSIDE	7:18 AM	11:18 AM	240	8.0	8.0	8.0	1920	
13				6 TH FLOOR CLASSROOM 608 NORTHSIDE	7:21 AM	11:21 AM	240	8.0	8.0	8.0	1920	
14				5 TH FLOOR Hallway NEXT TO CLASSROOM 503	7:23 AM	11:24 AM	241	8.0	8.0	8.0	1928	

CHAIN OF CUSTODY

18. Relinquished By: I. Kevin T. [Signature] 19. Received By: JL 20. Date: 4/5/02 21. Time: 16:15

26. ATC Project Manager: MICK TERESA 27. Result To: _____
Beeper/Phone #'s: _____

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

22. Lab Name: ATC Lab 23. Date: _____ 24. Time: _____

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

28. Comments: _____

WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field

NY-1 (1/01)

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_003459920



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 2 of 2

TURNAROUND TIME				
☐ 2 hrs	☐ 6 hrs	☐ 48 hrs	☐ Standard	
☐ 4 hrs	☐ 24 hrs	☐ 72 hrs	☐ Other <u>PUSH</u>	

PROJECT INFORMATION

1. Client: <u>MC- BCE</u>		2. Project Name: <u>IS ECONOMIC + FINANCE</u>		3. Project #: <u>1584-865</u>		4. Project Monitor: <u>Karin</u>		4c. Rotameter Number: <u>50087</u>	
2a. Project Address: <u>100 TRINITY PLACE NY, NY</u>		3a. Task #: <u>00001</u>		4a. Air Sampler: <u>Fitzpatrick</u>					
5. Date: <u>4-5-02</u>	6. Abatement Location: <u>ENTIRE SCHOOL VARIOUS LOCATIONS</u>	7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacture _____ Lot # _____		8. ☒ TEM (0.45 micron MCE) Cassette/Filter Manufacture _____ Lot # _____		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. F/CC
		12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Avg			
				Field Blank									
				Field Blank									
15				4 TH FLOOR CLASSROOM SOUTH SIDE OF 404	7:26 AM	11:26 AM	240	8.0	8.0	8.0	1920		
16				3 RD FLOOR HALLWAY NEXT TO CLASSROOM 303	7:28 AM	11:28 AM	240	8.0	8.0	8.0	1920		
17				OUTSIDE OF MAIN ENTRANCE OF SCHOOL NORTH SIDE	11:30 AM	3:30 PM	240	8.0	8.0	8.0	1920		
18				OUTSIDE OF COAT ROOM 1 ST FLOOR	11:37 AM	3:33 PM	241	8.0	8.0	8.0	1928		
19				IN STAIRWELL "B" 7 TH FLOOR	11:35 AM	3:35 PM	240	8.0	8.0	8.0	1920		
20				OUTSIDE OF ROOF AREA	11:38 AM	3:39 PM	241	8.0	8.0	8.0	1928		

CHAIN OF CUSTODY

8. Relinquished By: <u>[Signature]</u>	19. Received By: <u>[Signature]</u>	20. Date: <u>4/5/02</u>	21. Time: <u>16:15</u>
I			
II			

ATC Project Manager:

27. Result To: _____
Beeper/Phone #'s: _____

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

22. Lab Name: <u>ATC ELAP</u>	23. Date: <u>4/5/02</u>	24. Time: <u>16:15</u>	25. Microscope Make/Serial #: ☐ Nikon Labophot 238913 ☐ Nikon Labophot 238917 ☐ Nikon Labophot 239079
a. Analyzed By: <u>[Signature]</u>			
b. QC By: _____			
c. Lab Batch #: _____			Analysis Methodology PCM - NIOSH 7400A <u>TEM - AHERA</u>
28. Comments: _____			

WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field

NY-1 (1/01)

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_003459921