

Settled dust bulk sample chain of custody form and laboratory results

CONFIDENTIAL,

CITY_21MC100_011771132

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

ATC ASSOCIATES INC.

BATCH NO.

20396

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: NYC - BOE	2. Project Name: AHERA REINSPECTION	3. Project # 14584-0819	4. Project Manager: Yiannis Efsthathiou
2a. Project Address: 201 Warren Street, New York, NY 10282			4a. Investigator: Yiannis Efsthathiou
5. Date: 5/17/02	6. Building Name: P.S. 89M	8. Turnaround Time: ☐ STAT ☒ 72 HRS ☐ OTHER ☐ 6 HRS ☐ 48 HOURS ☐ NORMAL	9. Comments (Field): Analyzed all of them for fiberglass 10. Time in / Time out:
7. Sampling Areas:			

H.A.#	SAMPLE ID NUMBER	MATERIAL DESCRIPTION	LOCATION	FLOOR NUMBER	RESULTS
	P.S.89M-5/17/02- Fiberglass-01	Settled Dust	Outside of school - North side entrance		ND
	P.S.89M-5/17/02- Fiberglass-02	Settled Dust	Outside of school - South side entrance		ND
	P.S.89M-5/17/02- Fiberglass-03	Settled Dust	Playground - Center		ND
	P.S.89M-5/17/02- Fiberglass-04	Settled Dust	Playground - North side		ND
	P.S.89M-5/17/02- Fiberglass-05	Settled Dust	Playground - East side		ND
	P.S.89M-5/17/02- Fiberglass-06	Settled Dust	Playground - West side		ND
	P.S.89M-5/17/02- Fiberglass-07	Settled Dust	Playground - South side		ND
	P.S.89M-5/17/02- Fiberglass-08	Settled Dust	Cafeteria (floor)		ND
	P.S.89M-5/17/02- Fiberglass-09	Settled Dust	1st floor hallway - East of Cafeteria (floor)		ND
	P.S.89M-5/17/02- Fiberglass-10	Settled Dust	1st floor hallway - South of Cafeteria (floor)		ND

CHAIN OF CUSTODY

17. Relinquished By: <i>Yiannis Efsthathiou</i>	18. Date: 5/17/02	19. Time:	20. Received By: E.A. Cuarteros	21. Date: 5/17/02	22. Time: 1530 PM	23. Method of Submittal: FIELD WALK IN US MAIL FED-X OTHER
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LAB INFORMATION

24. Name and Signature: 24a. Analyzed By: E.A. Cuarteros	25. Date: 5/17/02	26. Time: PM	27. Comments (Lab): 40 PLM
24b. Analyzed By:			
24c. QC By:			

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CITY_21MC100_011771133

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

ATC ASSOCIATES INC.

BATCH NO.

20396

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: NYC - BOE	2. Project Name: AHERA REINSPECTION	3. Project #: 14584-0819	4. Project Manager: Yiannis Efsthathiou
2a. Project Address: 201 Warren Street, New York, NY 10282			4a. Investigator: Yiannis Efsthathiou
5. Date: 5/17/02	6. Building Name: P.S. 89M	8. Turnaround Time: ☐ STAT ☐ 72 HRS ☐ OTHER ☐ 6 HRS ☐ 48 HOURS ☐ NORMAL	9. Comments (Field): Analyzed all of them for fiberglass
7. Sampling Areas:			10. Time in / Time out:

H.A.#	SAMPLE ID NUMBER	MATERIAL DESCRIPTION	LOCATION	FLOOR NUMBER	RESULTS
	P.S.89M-5/17/02- Fiberglass- 11	Settled Dust	2nd floor hallway - South side (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 12	Settled Dust	Auditorium (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 13	Settled Dust	Gymnasium (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 14	Settled Dust	Classroom #306 - East side west ventilator (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 15	Settled Dust	Classroom #502 - South side west ventilator (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 16	Settled Dust	Classroom #428 - North side west ventilator (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 17	Settled Dust	Att floor hallway - South side (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 18	Settled Dust	Classroom #202 (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 19	Settled Dust	Classroom #201 (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 20	Settled Dust	Classroom #204 (floor)		ND

CHAIN OF CUSTODY

17. Relinquished By: <i>Yiannis Efsthathiou</i>	18. Date: 5/17/02	19. Time:	20. Received By: <i>E.A. CARTERS</i>	21. Date: 5/17/02	22. Time: 1530 PM	23. Method of Submittal:
						FIELD
						WALK IN
						US MAIL
						FED-X
						OTHER

LAB INFORMATION

24. Name and Signature: 24a. Analyzed By: <i>E.A. CARTERS</i>	25. Date: 5/17/02	26. Time: PM	27. Comments (Lab):
24b. Analyzed By:			
24c. QC By:			

ATC ASSOCIATES INC.

BATCH NO.

20396

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: NYC - BOE	2. Project Name: AHERA REINSPECTION	3. Project # 14584-0819	4. Project Manager: Yiannis Efsthathiou
	2a. Project Address: 201 Warren Street, New York, NY 10022		4a. Investigator: Yiannis Efsthathiou
5. Date: 5/17/02	6. Building Name: P.S. 89M	8. Turnaround Time: ☐ STAT ☐ 72 HRS ☐ OTHER ☐ 6 HRS ☐ 48 HOURS ☐ NORMAL	9. Comments (Field): Analyzed all of them for fiberglass 1C. Time in / Time out:
	7. Sampling Areas:		

H.A.#	SAMPLE ID NUMBER	MATERIAL DESCRIPTION	LOCATION	FLOOR NUMBER	RESULTS
	P.S.89M-5/17/02- Fiberglass-21	Settled Dust	Classroom #226 (floor)		ND
	P.S.89M-5/17/02- Fiberglass-22	Settled Dust	Classroom #228 (floor)		ND
	P.S.89M-5/17/02- Fiberglass-23	Settled Dust	Classroom #230 (floor)		ND
	P.S.89M-5/17/02- Fiberglass-24	Settled Dust	Classroom #232 (floor)		ND
	P.S.89M-5/17/02- Fiberglass-25	Settled Dust	Classroom #219 (floor)		ND
	P.S.89M-5/17/02- Fiberglass-26	Settled Dust	Classroom #301 (floor)		ND
	P.S.89M-5/17/02- Fiberglass-27	Settled Dust	Classroom #302 (floor)		ND
	P.S.89M-5/17/02- Fiberglass-28	Settled Dust	Classroom #304 (floor)		ND
	P.S.89M-5/17/02- Fiberglass-29	Settled Dust	Classroom #310 (floor)		ND
	P.S.89M-5/17/02- Fiberglass-30	Settled Dust	Classroom #326 (floor)		ND

CHAIN OF CUSTODY

17. Relinquished By: <i>Yiannis Efsthathiou</i>	18. Date: 5/17/02	19. Time:	20. Received By: E.A. CHARTERIS	21. Date: 5/17/02	22. Time: 1530 PM	23. Method of Submittal: FIELD WALK IN US MAIL FED-X OTHER

LAB INFORMATION

24. Name and Signature: E.A. CHARTERIS	25. Date: 5/17/02	26. Time: PM	27. Comments (Lab):
24a. Analyzed By:			
24b. Analyzed By:			
24c. QC By:			

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CITY_21MC100_011771135

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

ATC ASSOCIATES INC.

BATCH NO.

20396

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: NYC - BOE	2. Project Name: AHERA REINSPECTION	3. Project # 14584-0819	4. Project Manager: Yiannis Efstathiou
2a. Project Address: 201 Warren Street, New York, NY 10282			4a. Investigator: Yiannis Efstathiou
5. Date: <u>5/17/02</u>	6. Building Name: P.S. 89M	8. Turnaround Time: ☐ STAT ☐ 72 HRS ☐ OTHER	9. Comments (Field): Analyzed all of them for fiberglass
7. Sampling Areas:		☐ 6 HRS ☐ 48 HOURS ☐ NORMAL	10. Time in / Time out:

II.A.#	SAMPLE ID NUMBER	MATERIAL DESCRIPTION	LOCATION	FLOOR NUMBER	RESULTS
	P.S.89M-5/17/02- Fiberglass- 31	Settled Dust	Classroom #402 (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 32	Settled Dust	Classroom #404 (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 33	Settled Dust	Classroom #408 (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 34	Settled Dust	Classroom #426 (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 35	Settled Dust	Classroom #430 (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 36	Settled Dust	Classroom #528 (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 37	Settled Dust	Classroom #526 (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 38	Settled Dust	Classroom #510 (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 39	Settled Dust	Classroom #504 (floor)		ND
	P.S.89M-5/17/02- Fiberglass- 40	Settled Dust	Classroom #501 (floor)		ND

CHAIN OF CUSTODY

17. Relinquished By: <i>Yiannis Efstathiou</i>	18. Date: <u>5/17/02</u>	19. Time:	20. Received By: <i>E.A. Carsten</i>	21. Date: <u>5/17/02</u>	22. Time: <u>1530 PM</u>	23. Method of Submittal: FIELD WALK IN US MAIL FED-X OTHER
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LAB INFORMATION

24. Name and Signature: <i>E.A. Carsten</i>	25. Date: <u>5/17/02</u>	26. Time: <u>PM</u>	27. Comments (Lab):
24a. Analyzed By:			
24b. Analyzed By:			
24c. QC By:			

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187

ELAP 10879

Microscope OLYMP BH-2

Client / Project NYC-BOE/P.S. 89M, 201 WARREN ST. NY NY10282 Project No. 14584-0819Analysis Date 05/17/02 Analyst E. A. CARTEROS Batch No. 20396

1	Field No. <u>01</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>Gr.</u>	Morphology	Extinction	Chrysotile	Cellulose	Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>Y</u>	Asbestos ☐	RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers	Detected Yes No	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			Other	Other
	Gravimetric (NOB) TEM ☐	Comments:							Asbestos
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0							
2	Field No. <u>02</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>Gr.</u>	Morphology	Extinction	Chrysotile	Cellulose	Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>Y</u>	Asbestos ☐	RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers	Detected Yes No	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			Other	Other
	Gravimetric (NOB) TEM ☐	Comments:							Asbestos
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0							
3	Field No. <u>03</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>Gr.</u>	Morphology	Extinction	Chrysotile	Cellulose	Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>Y</u>	Asbestos ☐	RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers	Detected Yes No	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			Other	Other
	Gravimetric (NOB) TEM ☐	Comments:							Asbestos
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0							
4	Field No. <u>04</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>Gr.</u>	Morphology	Extinction	Chrysotile	Cellulose	Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>Y</u>	Asbestos ☐	RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers	Detected Yes No	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			Other	Other
	Gravimetric (NOB) TEM ☐	Comments:							Asbestos
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0							

CONFIDENTIAL,

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_011771137

NYC-WTC_000230471

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor, New York, NY 10010 Phone (212) 353-8280, FAX (212) 353-3599 or 8306

NVLAP 101187

ELAP 10878

Microscope OLYMP BH-2

Client / Project NYC-DOE / P.S. 89M, 201 WARREN ST, NY, NY 10028 Project No. 14584-0819Analysis Date 05/17/02 Analyst E. A. Cuatrecasas Batch No. 20396

1	Field No. <u>05</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %		
Gravimetric (NOB) Required	☐	Color <u>Brown</u>	Texture <u>GA.</u>	Morphology	Extinction	Chrysotile	<u>7</u> Cellulose	<u>93</u> Mineral Filler	Organic
Recommended	☐	Homogeneity <u>Y</u>	Asbestos ☐ ☒	RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
Gravimetric PREP	☐	# of Layers	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate	Other
Gravimetric (NOB) PLM	☐	Color of Layer	Detected Yes No	Biref	Sign		Other	Asbestos	
Gravimetric (NOB) TEM	☐	Comments:			D.C. ☐				
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 3 preps. Asbestos = 0								

2	Field No. <u>06</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %		
Gravimetric (NOB) Required	☐	Color <u>Brown</u>	Texture <u>GR.</u>	Morphology	Extinction	Chrysotile	<u>15</u> Cellulose	<u>85</u> Mineral Filler	Organic
Recommended	☐	Homogeneity <u>Y</u>	Asbestos ☐ ☒	RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
Gravimetric PREP	☐	# of Layers	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate	Other
Gravimetric (NOB) PLM	☐	Color of Layer	Detected Yes No	Biref	Sign		Other	Asbestos	
Gravimetric (NOB) TEM	☐	Comments:			D.C. ☐				
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 3 preps. Asbestos = 0								

3	Field No. <u>07</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %		
Gravimetric (NOB) Required	☐	Color <u>Brown</u>	Texture <u>GR.</u>	Morphology	Extinction	Chrysotile	<u>5</u> Cellulose	<u>95</u> Mineral Filler	Organic
Recommended	☐	Homogeneity <u>Y</u>	Asbestos ☐ ☒	RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
Gravimetric PREP	☐	# of Layers	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate	Other
Gravimetric (NOB) PLM	☐	Color of Layer	Detected Yes No	Biref	Sign		Other	Asbestos	
Gravimetric (NOB) TEM	☐	Comments:			D.C. ☐				
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 3 preps. Asbestos = 0								

4	Field No. <u>08</u>	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %		
Gravimetric (NOB) Required	☐	Color <u>Gray</u>	Texture <u>Fib.</u>	Morphology	Extinction	Chrysotile	<u>75</u> Cellulose	Mineral Filler	Organic
Recommended	☐	Homogeneity <u>Y</u>	Asbestos ☐ ☒	RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
Gravimetric PREP	☐	# of Layers	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate	Other
Gravimetric (NOB) PLM	☐	Color of Layer	Detected Yes No	Biref	Sign		Other	Asbestos	
Gravimetric (NOB) TEM	☐	Comments:			D.C. ☐				
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 3 preps. Asbestos = 0								

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187

ELAP 10679

Microscope OLYMP BH-2

Client / Project NYC-DOE / P.S. 89M, 201 WARREN ST. NY, NY 100282 Project No. 14584-0819Analysis Date 05/17/02 Analyst E.A. CHARTEROS Batch No. 20396

1	Field No. <u>09</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Gray</u>	Texture <u>Fib</u>	Morphology	Extinction	☒ Chrysotile	<u>25</u> Cellulose	<u>5</u> Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I	RI II	☒ Amosite	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐ ☒	DS Color	Color, Pleo	☒ Other	<u>20</u> Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign		<u>Synthetic Hair</u>	Other	Other
	Gravimetric (NOB) TEM ☐	Comments:					q.c.		Asbestos
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒		SCANNING OPTION: ELAP (P.C.) & EPA		First 4 preps. Asbestos = 0			
2	Field No. <u>10</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>Gr</u>	Morphology	Extinction	☒ Chrysotile	<u>10</u> Cellulose	<u>80</u> Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I	RI II	☒ Amosite	Fiberglass	<u>10</u> Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐ ☒	DS Color	Color, Pleo	☒ Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			Other	Other
	Gravimetric (NOB) TEM ☐	Comments:					q.c.		Asbestos
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒		SCANNING OPTION: ELAP (P.C.) & EPA		First 4 preps. Asbestos = 0		☒ ND	
3	Field No. <u>11</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>Gr</u>	Morphology	Extinction	☒ Chrysotile	<u>10</u> Cellulose	<u>90</u> Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I	RI II	☒ Amosite	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐ ☒	DS Color	Color, Pleo	☒ Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			Other	Other
	Gravimetric (NOB) TEM ☐	Comments:					q.c.		Asbestos
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒		SCANNING OPTION: ELAP (P.C.) & EPA		First 4 preps. Asbestos = 0		☐	
4	Field No. <u>12</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>Fib</u>	Morphology	Extinction	☒ Chrysotile	<u>70</u> Cellulose	<u>5</u> Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I	RI II	☒ Amosite	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐ ☒	DS Color	Color, Pleo	☒ Other	<u>25</u> Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign		<u>Synthetic Hair</u>	Other	Other
	Gravimetric (NOB) TEM ☐	Comments:					q.c.		Asbestos
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒		SCANNING OPTION: ELAP (P.C.) & EPA		First 4 preps. Asbestos = 0		☐	

CONFIDENTIAL,

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_011771139

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 Phone (212) 353 - 8280, FAX (212) 353 - 3599 or E306

NVLAP 101107

ELAP 10078

Microscope OLYMP BH-2

Client / Project NYC-BOE / P.S. 89M, 201 WARREN ST. NY, NY 10028 Project No. 14584-0819Analysis Date 05/17/02 Analyst E. A. Cuarteros Batch No. 20396

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %	
1 <u>13</u>	Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐ POINT COUNT RESULTS ON THE BACK	Color <u>Brown</u> Texture <u>Gr.</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Comments:	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
2 <u>14</u>	Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐ POINT COUNT RESULTS ON THE BACK	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Comments:	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u>70</u> Fiberglass <u> </u> Other <u>30</u> <u>Synthetic</u>	Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
3 <u>15</u>	Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐ POINT COUNT RESULTS ON THE BACK	Color <u>Gray</u> Texture <u>Gr.</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Comments:	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u>100</u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
4 <u>16</u>	Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐ POINT COUNT RESULTS ON THE BACK	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Comments:	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	Chrysotile <u> </u> Amosite <u> </u> Other <u> </u>	Cellulose <u>80</u> Fiberglass <u> </u> Other <u>20</u> <u>Synthetic</u>	Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_011771140

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor, New York, NY 10010 Phone (212) 353-8280, FAX (212) 353-3599 or 8306

NVLAP 101187

ELAP 10879

Microscope OLYMP BH-2

Client / Project NYC-BOE/P.S. 89M, 201 WARREN ST. NY, NY 100282 Project No. 14584-0819Analysis Date 05/17/02 Analyst E.A. CHARTEROS Batch No. 20396

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
17	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>75</u> Cellulose <u>30</u> Fiberglass <u>Synthetic & Hair</u> Other Q.C.	<u>5</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
18	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>65</u> Cellulose <u>30</u> Fiberglass <u>Synthetic & Hair</u> Other Q.C.	<u>5</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
19	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>80</u> Cellulose <u>20</u> Fiberglass <u>Synthetic & Hair</u> Other Q.C.	Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
20	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>80</u> Cellulose <u>20</u> Fiberglass <u>Synthetic</u> Other Q.C.	Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_011771141

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NVLAP 101187

EIAF 10676

Microscope OLYMP BH-2

Client / Project NYC-BOE / P.S. 89M, 201 WARREN ST. NY, NY 10282 Project No. 14584-0819Analysis Date 05/17/02 Analyst E. A. GARCIA Batch No. 20396

Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
21	Color <u>Gray</u>	Texture <u>Fib.</u>	Morphology	Extinction	Chrysotile	70	Cellulose	Organic
Gravimetric (NOB) Required ☐	Homogeneity <u>Y</u>	# of Layers	RI I	RI II	Amosite	30	Fiberglass	Residue
Recommended ☐	Asbestos ☐	Detected Yes ☐ No ☒	DS Color	Color, Pleo	Other	Synthetic & Hair	Vermiculite	Carbonate
Gravimetric PREP ☐	Color of Layer		Biref	Sign			Other	Other
Gravimetric (NOB) PLM ☐	Comments:				Q.C. ☐		Asbestos	Asbestos
Gravimetric (NOB) TEM ☐	Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☒				SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps: Asbestos = 0			
22	Color <u>Gray</u>	Texture <u>Fib.</u>	Morphology	Extinction	Chrysotile	75	Cellulose	Organic
Gravimetric (NOB) Required ☐	Homogeneity <u>Y</u>	# of Layers	RI I	RI II	Amosite	25	Fiberglass	Residue
Recommended ☐	Asbestos ☐	Detected Yes ☐ No ☒	DS Color	Color, Pleo	Other	Synthetic & Hair	Vermiculite	Carbonate
Gravimetric PREP ☐	Color of Layer		Biref	Sign			Other	Other
Gravimetric (NOB) PLM ☐	Comments:				Q.C. ☐		Asbestos	Asbestos
Gravimetric (NOB) TEM ☐	Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☒				SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps: Asbestos = 0			
23	Color <u>Gray</u>	Texture <u>Fib.</u>	Morphology	Extinction	Chrysotile	70	Cellulose	Organic
Gravimetric (NOB) Required ☐	Homogeneity <u>Y</u>	# of Layers	RI I	RI II	Amosite	30	Fiberglass	Residue
Recommended ☐	Asbestos ☐	Detected Yes ☐ No ☒	DS Color	Color, Pleo	Other	Synthetic & Hair	Vermiculite	Carbonate
Gravimetric PREP ☐	Color of Layer		Biref	Sign			Other	Other
Gravimetric (NOB) PLM ☐	Comments:				Q.C. ☐		Asbestos	Asbestos
Gravimetric (NOB) TEM ☐	Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☒				SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps: Asbestos = 0			
24	Color <u>Gray</u>	Texture <u>Fib.</u>	Morphology	Extinction	Chrysotile	75	Cellulose	Organic
Gravimetric (NOB) Required ☐	Homogeneity <u>Y</u>	# of Layers	RI I	RI II	Amosite	25	Fiberglass	Residue
Recommended ☐	Asbestos ☐	Detected Yes ☐ No ☒	DS Color	Color, Pleo	Other	Synthetic & Hair	Vermiculite	Carbonate
Gravimetric PREP ☐	Color of Layer		Biref	Sign			Other	Other
Gravimetric (NOB) PLM ☐	Comments:				Q.C. ☐		Asbestos	Asbestos
Gravimetric (NOB) TEM ☐	Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☒				SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps: Asbestos = 0			

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_011771142

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor, New York, NY 10010 Phone (212) 353-6280, FAX (212) 353-3599 or 6306

NVLAP 101187

ELAP 10878

Microscope OLYMP RH-2

Client / Project NYC-BOE/P.S. 89M, 201 WARREN ST. NY NY10282 Project No. 14584-0819Analysis Date 05/12/02 Analyst E. A. CUNATEOS Batch No. 20396

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
25	Color <u>Gray</u> Texture <u>Fib.</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>/</u> Amosite <u>/</u> Other <u>/</u>	Cellulose <u>80</u> Fiberglass <u>20</u> Other <u>Synthetic</u>	Mineral Filler <u>/</u> Organic Binders <u>/</u> Vermiculite <u>/</u> Other <u>/</u>	Organic <u>/</u> Residue <u>/</u> Carbonate <u>/</u> Other <u>/</u> Asbestos <u>/</u>
Gravimetric (NOB) Required ☐	Homogeneity <u>Y</u>	DS Color <u>/</u> Color, Pleo <u>/</u>				
Recommended ☐	# of Layers <u>/</u> Asbestos ☐ ☒	Biref <u>/</u> Sign <u>/</u>				
Gravimetric PREP ☐	Color of Layer <u>/</u> Detected Yes No <u>/</u>					
Gravimetric (NOB) PLM ☐	Comments:					
Gravimetric (NOB) TEM ☐	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
POINT COUNT RESULTS ON THE BACK						
26	Color <u>Gray</u> Texture <u>Fib.</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>/</u> Amosite <u>/</u> Other <u>/</u>	Cellulose <u>70</u> Fiberglass <u>30</u> Other <u>Synthetic & Ha.</u>	Mineral Filler <u>/</u> Organic Binders <u>/</u> Vermiculite <u>/</u> Other <u>/</u>	Organic <u>/</u> Residue <u>/</u> Carbonate <u>/</u> Other <u>/</u> Asbestos <u>/</u>
Gravimetric (NOB) Required ☐	Homogeneity <u>Y</u>	DS Color <u>/</u> Color, Pleo <u>/</u>				
Recommended ☐	# of Layers <u>/</u> Asbestos ☐ ☒	Biref <u>/</u> Sign <u>/</u>				
Gravimetric PREP ☐	Color of Layer <u>/</u> Detected Yes No <u>/</u>					
Gravimetric (NOB) PLM ☐	Comments:					
Gravimetric (NOB) TEM ☐	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
POINT COUNT RESULTS ON THE BACK						
27	Color <u>Gray</u> Texture <u>Fib.</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>/</u> Amosite <u>/</u> Other <u>/</u>	Cellulose <u>95</u> Fiberglass <u>5</u> Other <u>/</u>	Mineral Filler <u>/</u> Organic Binders <u>/</u> Vermiculite <u>/</u> Other <u>/</u>	Organic <u>/</u> Residue <u>/</u> Carbonate <u>/</u> Other <u>/</u> Asbestos <u>/</u>
Gravimetric (NOB) Required ☐	Homogeneity <u>Y</u>	DS Color <u>/</u> Color, Pleo <u>/</u>				
Recommended ☐	# of Layers <u>/</u> Asbestos ☐ ☒	Biref <u>/</u> Sign <u>/</u>				
Gravimetric PREP ☐	Color of Layer <u>/</u> Detected Yes No <u>/</u>					
Gravimetric (NOB) PLM ☐	Comments:					
Gravimetric (NOB) TEM ☐	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
POINT COUNT RESULTS ON THE BACK						
28	Color <u>Gray</u> Texture <u>Fib.</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>/</u> Amosite <u>/</u> Other <u>/</u>	Cellulose <u>80</u> Fiberglass <u>20</u> Other <u>Synthetic & Ha.</u>	Mineral Filler <u>/</u> Organic Binders <u>/</u> Vermiculite <u>/</u> Other <u>/</u>	Organic <u>/</u> Residue <u>/</u> Carbonate <u>/</u> Other <u>/</u> Asbestos <u>/</u>
Gravimetric (NOB) Required ☐	Homogeneity <u>Y</u>	DS Color <u>/</u> Color, Pleo <u>/</u>				
Recommended ☐	# of Layers <u>/</u> Asbestos ☐ ☒	Biref <u>/</u> Sign <u>/</u>				
Gravimetric PREP ☐	Color of Layer <u>/</u> Detected Yes No <u>/</u>					
Gravimetric (NOB) PLM ☐	Comments:					
Gravimetric (NOB) TEM ☐	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
POINT COUNT RESULTS ON THE BACK						

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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_011771143

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NVLAP 101187

ELAP 10678

Microscope OLYMP BH-2

Client / Project NYC-BOE/PS.89M, 201 WARREN ST. NY, NY 10282 Project No. 14584-0819Analysis Date 05/17/02 Analyst E. A. WARTENAS Batch No. 20396

1	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	<u>29</u>	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments:	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>60</u> Cellulose _____ <u>40</u> Fiberglass _____ <u>Synthetic & H.</u> Other _____	Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0				Q.C. ☐	
		POINT COUNT RESULTS ON THE BACK					
	<u>30</u>	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments:	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>25</u> Cellulose _____ <u>25</u> Fiberglass _____ <u>Synthetic</u> Other _____	Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0				Q.C. ☒ <u>ND MC</u>	
		POINT COUNT RESULTS ON THE BACK					
	<u>31</u>	Color <u>Gray</u> Texture <u>Gr.</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments:	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>5</u> Cellulose _____ Fiberglass _____ Other _____	<u>85</u> Mineral Filler _____ <u>10</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0				Q.C. ☐	
		POINT COUNT RESULTS ON THE BACK					
	<u>32</u>	Color <u>Gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments:	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>20</u> Cellulose _____ Fiberglass _____ <u>10</u> Other _____ <u>Synthetic</u>	<u>60</u> Mineral Filler _____ <u>10</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0				Q.C. ☐	
		POINT COUNT RESULTS ON THE BACK					

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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_011771144

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NVLAP 101187

ELAP 10876

Microscope OLYMP BH-2

Client / Project NYC-BOE/P.S. 89M, 201 WARREN ST. NY, NY 100282 Project No. 14584-0819Analysis Date 05/17/02 Analyst E. A. Cuarteros Batch No. 20396

1	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	<u>33</u>	Color <u>Gray</u> Texture <u>F</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>10</u>	Cellulose <u>80</u>	Mineral Filler <u>10</u>	Organic
		Homogeneity <u>Y</u>	DS Color <u>Color, Pleo</u>	Amosite	Fiberglass	Organic Binders	Residue
		# of Layers <u>Asbestos</u> ☐ ☒	Biref <u>Sign</u>	Other	Other	Vermiculite	Carbonate
		Color of Layer <u>Detected</u> Yes No				Other	Other
		Comments:					Asbestos
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
		POINT COUNT RESULTS ON THE BACK					
	<u>34</u>	Color <u>Gray</u> Texture <u>Fib.</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>70</u>	Cellulose <u>30</u>	Mineral Filler <u>Synthetic & Nat.</u>	Organic
		Homogeneity <u>Y</u>	DS Color <u>Color, Pleo</u>	Amosite	Fiberglass	Organic Binders	Residue
		# of Layers <u>Asbestos</u> ☐ ☒	Biref <u>Sign</u>	Other	Other	Vermiculite	Carbonate
		Color of Layer <u>Detected</u> Yes No				Other	Other
		Comments:					Asbestos
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
		POINT COUNT RESULTS ON THE BACK					
	<u>35</u>	Color <u>Gray</u> Texture <u>F</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>20</u>	Cellulose <u>80</u>	Mineral Filler <u>10</u>	Organic
		Homogeneity <u>Y</u>	DS Color <u>Color, Pleo</u>	Amosite	Fiberglass	Organic Binders	Residue
		# of Layers <u>Asbestos</u> ☐ ☒	Biref <u>Sign</u>	Other	Other	Vermiculite	Carbonate
		Color of Layer <u>Detected</u> Yes No				Other	Other
		Comments:					Asbestos
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
		POINT COUNT RESULTS ON THE BACK					
	<u>36</u>	Color <u>Gray</u> Texture <u>Fib.</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>65</u>	Cellulose <u>30</u>	Mineral Filler <u>5</u>	Organic
		Homogeneity <u>Y</u>	DS Color <u>Color, Pleo</u>	Amosite	Fiberglass	Organic Binders	Residue
		# of Layers <u>Asbestos</u> ☐ ☒	Biref <u>Sign</u>	Other	Other	Vermiculite	Carbonate
		Color of Layer <u>Detected</u> Yes No				Other	Other
		Comments:					Asbestos
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
		POINT COUNT RESULTS ON THE BACK					

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CITY_21MC100_011771145

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NVLAP 101187

ELAP 10878

Microscope OLYMP BH-2

Client / Project NYC-DOE / P.S. 89M, 201 WARREN ST. NY, NY 10028 Project No. 14584-0819Analysis Date 05/17/02 Analyst E. A. GARCIA Batch No. 20396

1	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	<u>37</u>	Color <u>Gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers <u> </u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Comments:	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	☒ Chrysotile ☒ Amosite ☒ Other	<u>25</u> Cellulose <u> </u> Fiberglass <u> </u> Other	<u>20</u> Mineral Filler <u>5</u> Organic Binders <u> </u> Vermiculite <u> </u> Other	<u> </u> Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
		POINT COUNT RESULTS ON THE BACK					
	<u>38</u>	Color <u>Gray</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers <u> </u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Comments:	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	☒ Chrysotile ☒ Amosite ☒ Other	<u>30</u> Cellulose <u> </u> Fiberglass <u> </u> Other	<u>60</u> Mineral Filler <u>10</u> Organic Binders <u> </u> Vermiculite <u> </u> Other	<u> </u> Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
		POINT COUNT RESULTS ON THE BACK					
	<u>39</u>	Color <u>Gray</u> Texture <u>Fib</u> Homogeneity <u>Y</u> # of Layers <u> </u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Comments:	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	☒ Chrysotile ☒ Amosite ☒ Other	<u>70</u> Cellulose <u> </u> Fiberglass <u>20</u> Other <u>Synthetic</u>	<u>10</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other	<u> </u> Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
		POINT COUNT RESULTS ON THE BACK					
	<u>40</u>	Color <u>Brown</u> Texture <u>Gr</u> Homogeneity <u>Y</u> # of Layers <u> </u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Comments:	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	☒ Chrysotile ☒ Amosite ☒ Other	<u>10</u> Cellulose <u> </u> Fiberglass <u> </u> Other	<u>80</u> Mineral Filler <u>10</u> Organic Binders <u> </u> Vermiculite <u> </u> Other	<u> </u> Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos
		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
		POINT COUNT RESULTS ON THE BACK					

CONFIDENTIAL,

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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