

Settled dust bulk sample chain of custody form and laboratory results

CONFIDENTIAL,

CITY_21MC100_011771233

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

ATC ASSOCIATES INC.

BATCH NO.

20257

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 Efsthicou	
		2a. Project Address: 201 Warren street, New York, NY 10282				4a. Investigator: Mariana Medinets	
5. Date: 4-12-02		6. Building Name: PS 89M		8. Turnaround Time: ☒ STAT ☐ 24 HRS ☐ 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:	

H.A.#	SAMPLE ID NUMBER	MATERIAL DESCRIPTION	LOCATION	FLOOR NUMBER	RESULTS
01	PS89M-4/12/02- Fiberglass-	Settled Dust	Outside of School North side Ground concrete Entr.		ND
02	PS89M-4/12/02- Fiberglass-	Settled Dust	↓ South side Entr.		ND
03	PS89M-4/12/02- Fiberglass-	Settled Dust	Playground Green cover. surface Center		ND
04	PS89M-4/12/02- Fiberglass-	Settled Dust	South side		ND
05	PS89M-4/12/02- Fiberglass-	Settled Dust	North side		ND
06	PS89M-4/12/02- Fiberglass-	Settled Dust	East side		ND
07	PS89M-4/12/02- Fiberglass-	Settled Dust	West side		ND
08	PS89M-4/12/02- Fiberglass-	Settled Dust	Cafeteria floor		ND
09	PS89M-4/12/02- Fiberglass-	Settled Dust	1st. fl. hallway South of Cafet. floor		ND
10	PS89M-4/12/02- Fiberglass-	Settled Dust	↓ East of Cafet. ↓		ND

CHAIN OF CUSTODY

17. Relinquished By:	18. Date:	19. Time:	20. Received By:	21. Date:	22. Time:	23. Method of Submittal:
Ill. Medinets	4-12-02		Grey	4/12/2	11:50A	FIELD
						WALK IN
						US MAIL
						FED-X
						OTHER

LAB INFORMATION

24. Name and Signature:	25. Date:	26. Time:	27. Comments (Lab):
24a. Analyzed By: Helena Reymanhar	4/12/2	Am	40 PM 16
24b. Analyzed By:			
24c. QC By:			

ATC ASSOCIATES INC.

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BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: NYC - DOE	2. Project Name: AHERA REINSPECTION	3. Project #: 14584-0819	4. Project Manager: Yianris Efstathiou
2a. Project Address: 201 Warren street, New York, NY 10282			4a. Investigator: Mariana Medinets
5. Date: 4-12-02	6. Building Name: P.S. 89M	8. Turnaround Time: ☒ STAT ☐ 24 HRS ☐ 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
11	PS89M-4/12/02- Fiberglass-	Settled Dust	2nd fl. Hallway South side	Floor	ND
12	PS89M-4/12/02- Fiberglass-	Settled Dust	Auditorium		ND
13	PS89M-4/12/02- Fiberglass-	Settled Dust	Gym		ND
14	PS89M-4/12/02- Fiberglass-	Settled Dust	R 304		ND
15	PS89M-4/12/02- Fiberglass-	Settled Dust	R 502		ND
16	PS89M-4/12/02- Fiberglass-	Settled Dust	R 426 North side unit vent		ND
17	PS89M-4/12/02- Fiberglass-	Settled Dust	4th fl. Hallway South side		ND
18	PS89M-4/12/02- Fiberglass-	Settled Dust	R 201		ND
19	PS89M-4/12/02- Fiberglass-	Settled Dust	R 202		ND
20	PS89M-4/12/02- Fiberglass-	Settled Dust	R 204		ND

CHAIN OF CUSTODY

17. Relinquished By:	18. Date:	19. Time:	20. Received By:	21. Date:	22. Time:	23. Method of Submittal:
W. Medinets	4-12-02		U. Preege	4/12/2	10:50A	FIELD
						WALK IN
						US MAIL
						FED-X
						OTHER

LAB INFORMATION

24. Name and Signature:	25. Date:	26. Time:	27. Comments (Lab):
24a. Analyzed By: U. Preege	4/12/2	11:00A	
24b. Analyzed By:			
24c. QC By:			

ATC ASSOCIATES INC.

BATCH NO.

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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: Mariana Medinets
5. Date: 4-12-02	6. Building Name: P.S. 89M	8. Turnaround Time: ☒ STAT ☐ 24 HRS ☐ 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
21	PS89M-4/12/02- Fiberglass-	Settled Dust	R 226 floor		ND
22	PS89M-4/12/02- Fiberglass-	Settled Dust	R 228		ND
23	PS89M-4/12/02- Fiberglass-	Settled Dust	R 230		ND
24	PS89M-4/12/02- Fiberglass-	Settled Dust	R 232		ND
25	PS89M-4/12/02- Fiberglass-	Settled Dust	R 219		ND
26	PS89M-4/12/02- Fiberglass-	Settled Dust	R 301		ND
27	PS89M-4/12/02- Fiberglass-	Settled Dust	R 302		ND
28	PS89M-4/12/02- Fiberglass-	Settled Dust	R 308		ND
29	PS89M-4/12/02- Fiberglass-	Settled Dust	R 316		ND
30	PS89M-4/12/02- Fiberglass-	Settled Dust	R 326		ND

CHAIN OF CUSTODY

17. Relinquished By:	18. Date:	19. Time:	20. Received By:	21. Date:	22. Time:	23. Method of Submittal:
M. Medinets	4-12-02		U. Rege	4/12/02	10:50 AM	FIELD
						WALK IN
						US MAIL
						FED-X
						OTHER

LAB INFORMATION

24. Name and Signature:	25. Date:	26. Time:	27. Comments (Lab):
U. Rege	4/12/02	AM	
24a. Analyzed By:			
24b. Analyzed By:			
24c. QC By:			

Filename: PAUSERS\DATA\WP96\WP\FORMS\NY-13.XLS

Form NY-13

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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

ATC ASSOCIATES INC.

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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: Mariana Medinets
5. Date: 4-12-02	6. Building Name: P.S. 89M	8. Turnaround Time: ☒ STAT ☐ 24 HRS ☐ 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
31	PS89M-4/12/02- Fiberglass-	Settled Dust	R 401	Floor	ND
32	PS89M-4/12/02- Fiberglass-	Settled Dust	R 404		ND
33	PS89M-4/12/02- Fiberglass-	Settled Dust	R 408		ND
34	PS89M-4/12/02- Fiberglass-	Settled Dust	R 426		ND
35	PS89M-4/12/02- Fiberglass-	Settled Dust	R 432		ND
36	PS89M-4/12/02- Fiberglass-	Settled Dust	R 512		ND
37	PS89M-4/12/02- Fiberglass-	Settled Dust	R 526		ND
38	PS89M-4/12/02- Fiberglass-	Settled Dust	R 528		ND
39	PS89M-4/12/02- Fiberglass-	Settled Dust	R 538		ND
40	PS89M-4/12/02- Fiberglass-	Settled Dust	R 506		ND

CHAIN OF CUSTODY

17. Relinquished By:	18. Date:	19. Time:	20. Received By:	21. Date:	22. Time:	23. Method of Submittal:
Up. Medinets	4-12-02		U. Rege	4/12/2	11:50 AM	FIELD
						WALK IN
						US MAIL
						FED-X
						OTHER

LAB INFORMATION

24. Name and Signature:	25. Date:	26. Time:	27. Comments (Lab):
24a. Analyzed By:	4/12/2	Am	
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 OLYP BH-2

Client / Project NYC-DOE / P.S. 89 MProject No. 14584-0819Analysis Date 4/12/2Analyst Y. ReyesBatch No. 20257

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
01	Color <u>Gray</u> Texture <u>Gr</u> Homogeneity <u>4</u> # of Layers <u>4</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>
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		Q.C. ☐				
02	Color <u>Gray</u> Texture <u>Gr</u> Homogeneity <u>4</u> # of Layers <u>4</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>
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		Q.C. ☐				
03	Color <u>Gray</u> Texture <u>Gr</u> Homogeneity <u>4</u> # of Layers <u>4</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>
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		Q.C. ☐				
04	Color <u>Gray</u> Texture <u>Gr</u> Homogeneity <u>4</u> # of Layers <u>4</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>
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		Q.C. ☐				

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NVLAP 101187

ELAP 10879

Microscope OLYMP BH-2

Client / Project NYC-DOE / P.S. 89 MProject No. 14584-0819Analysis Date 4/12/2Analyst Y. ReyesBatch No. 20257

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 05	Color <u>Grey</u> Texture <u>Gr</u> Homogeneity <u>+</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Biref <u> </u> Sign <u> </u>	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> </u>	Mineral Filler <u>100</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>
Comments: <u> </u> Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
2 06	Color <u>Grey</u> Texture <u>Gr</u> Homogeneity <u>+</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Biref <u> </u> Sign <u> </u>	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> </u>	Mineral Filler <u>100</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>
Comments: <u> </u> Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
3 07	Color <u>Grey</u> Texture <u>Gr</u> Homogeneity <u>+</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Biref <u> </u> Sign <u> </u>	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> </u>	Mineral Filler <u>100</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>
Comments: <u> </u> Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
4 08	Color <u>Brown</u> Texture <u>Fr</u> Homogeneity <u>+</u> # of Layers <u>1</u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No Biref <u> </u> Sign <u> </u>	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> </u>	Mineral Filler <u>20</u> Organic Binders <u>70</u> Vermiculite <u> </u> Other <u> </u>	Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos <u> </u>
Comments: <u> </u> 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_011771239

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NVLAP 101187

ELAP 10879

Microscope CLYP BII-2

Client / Project NYC-DOE / P.S. 89 MProject No. 14584-0819Analysis Date 4/12/2Analyst Y. ReyesBatch No. 20257

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 <u>09</u>	Color <u>Brown</u> Texture <u>Gr</u> Homogeneity <u>✓</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>
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			Q.C. ☐			
2 <u>10</u>	Color <u>Tan</u> Texture <u>Gr</u> Homogeneity <u>✓</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>
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			Q.C. ☐			
3 <u>11</u>	Color <u>Brown</u> Texture <u>Gr</u> Homogeneity <u>✓</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>
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			Q.C. ☐			
4 <u>12</u>	Color <u>Brown</u> Texture <u>Gr</u> Homogeneity <u>✓</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>
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			Q.C. ☐			

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NVLAP 101187

ELAP 108/9

Microscope OLYMP BH-2

Client / Project NYC-DOE / P.S. 89 MProject No. 14584-0819Analysis Date 4/12/12Analyst YReysBatch No. 20257

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 13	Color <u>Grey</u> Texture <u>Pr</u> Homogeneity <u>Y</u> # of Layers <u>1</u> 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> Amphibole <u> </u> Other <u> </u>	Cellulose <u>12</u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>88</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>
Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			Q.C. ☐			
2 14	Color <u>Brown</u> Texture <u>Pr</u> Homogeneity <u>Y</u> # of Layers <u>1</u> 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> Amphibole <u> </u> Other <u> </u>	Cellulose <u>5</u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>95</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>
Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			Q.C. ☐			
3 15	Color <u>Tan</u> Texture <u>Gr</u> Homogeneity <u>Y</u> # of Layers <u>1</u> 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> Amphibole <u> </u> Other <u> </u>	Cellulose <u>2</u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>98</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>
Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			Q.C. ☐			
4 16	Color <u>Grey</u> Texture <u>Gr</u> Homogeneity <u>Y</u> # of Layers <u>1</u> 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> Amphibole <u> </u> Other <u> </u>	Cellulose <u>Pr</u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>100</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>
Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			Q.C. ☐			

CONFIDENTIAL,

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_011771241

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-DOE / P.S. 89 MProject No. 14584-0819Analysis Date 4/12/12Analyst Y. ReysBatch No. 20257

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 Field No. <u>17</u>	Color <u>Brown</u> Texture <u>Fin</u> Homogeneity <u>4</u> # of Layers <u>4</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other ☒	Cellulose <u>51</u> Fiberglass _____ Other _____	Mineral Filler <u>49</u> 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					
2 Field No. <u>18</u>	Color <u>Brown</u> Texture <u>Fin</u> Homogeneity <u>4</u> # of Layers <u>4</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other ☒	Cellulose <u>11</u> Fiberglass _____ Other _____	Mineral Filler <u>89</u> 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					
3 Field No. <u>19</u>	Color <u>Brown</u> Texture <u>Fin</u> Homogeneity <u>4</u> # of Layers <u>4</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other ☒	Cellulose <u>5</u> Fiberglass _____ Other _____	Mineral Filler <u>95</u> 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					
4 Field No. <u>20</u>	Color <u>Brown</u> Texture <u>Fin</u> Homogeneity <u>40</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other ☒	Cellulose <u>64</u> Fiberglass _____ Other _____	Mineral Filler <u>36</u> 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					

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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_011771242

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

NVI AP 101187

ELAP 10879

Microscope OLYMP BH-2

Client / Project NYC-DOE / P.S. 89 MProject No. 14584-0819Analysis Date 4/12/12 Analyst Y. ReyesBatch No. 20257

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 <u>21</u>	Color <u>Brown</u> Texture <u>Gr</u> Homogeneity <u>4</u> # of Layers <u>4</u> Color of Layer <u> </u> Detected Yes No	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>74</u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>100</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>
Comments: <u> </u> Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
2 <u>22</u>	Color <u>Brown</u> Texture <u>Gr</u> Homogeneity <u>4</u> # of Layers <u>4</u> Color of Layer <u> </u> Detected Yes No	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>74</u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>100</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>
Comments: <u> </u> Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
3 <u>23</u>	Color <u>Brown</u> Texture <u>Gr</u> Homogeneity <u>4</u> # of Layers <u>4</u> Color of Layer <u> </u> Detected Yes No	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>74</u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>100</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>
Comments: <u> </u> Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
4 <u>24</u>	Color <u>Brown</u> Texture <u>Gr</u> Homogeneity <u>4</u> # of Layers <u>4</u> Color of Layer <u> </u> Detected Yes No	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>74</u> Fiberglass <u> </u> Other <u> </u>	Mineral Filler <u>100</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>
Comments: <u> </u> 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_011771243

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

NVI AP 101107

ELAP 10670

Microscope OLYMP BH-2

Client / Project NYC-BOE / P.S. 89 MProject No. 14584-0819Analysis Date 4/12/2Analyst Y. ReyesBatch No. 20257

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
25	Color <u>Brown</u> Texture <u>fin</u> Homogeneity <u>4</u> # of Layers <u>4</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>	23 Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	77 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>
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ² ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0		Q.C. ☐		
26	Color <u>Gray</u> Texture <u>fin</u> Homogeneity <u>4</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 <u> </u> Amosite <u> </u> Other <u> </u>	2 Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	98 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>
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ² ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0		Q.C. ☐		
27	Color <u>Tan</u> Texture <u>Gr</u> Homogeneity <u>4</u> # of Layers <u>4</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>	72 Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	100 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>
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ² ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0		Q.C. ☐		
28	Color <u>Tan</u> Texture <u>Gr</u> Homogeneity <u>4</u> # of Layers <u>4</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>	2 Cellulose <u> </u> Fiberglass <u> </u> Other <u> </u>	98 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>
POINT COUNT RESULTS ON THE BACK		Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ² ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0		Q.C. ☐		

CONFIDENTIAL,

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_011771244

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 - DOE / P.S. 89 MProject No. 14584-0819Analysis Date 4/12/2Analyst Y. ReyesBatch No. 20257

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 <u>29</u>	Color <u>Grey</u> Texture <u>gr</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ DS Color <u> </u> Color of Layer <u> </u> Detected Yes No Biref <u> </u> Sign <u> </u>	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> Amphibole <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>
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
2 <u>30</u>	Color <u>Brown</u> Texture <u>gr</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ DS Color <u> </u> Color of Layer <u> </u> Detected Yes No Biref <u> </u> Sign <u> </u>	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> Amphibole <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>
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
3 <u>31</u>	Color <u>Grey</u> Texture <u>gr</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ DS Color <u> </u> Color of Layer <u> </u> Detected Yes No Biref <u> </u> Sign <u> </u>	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> Amphibole <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>
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					
4 <u>32</u>	Color <u>Grey</u> Texture <u>gr</u> Homogeneity <u>Y</u> # of Layers <u>1</u> Asbestos ☐ ☒ DS Color <u> </u> Color of Layer <u> </u> Detected Yes No Biref <u> </u> Sign <u> </u>	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> Amphibole <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>
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_011771245

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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

NVLAP 101187

ELAP 10870

Microscope OLYMP BH-2

Client / Project NYC-DOE / P.S. 89 MProject No. 14584-0819Analysis Date 4/12/2Analyst Y. ReyesBatch No. 20257

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
33	Color <u>Brown</u> Texture <u>Gr</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>/</u> Amosite <u>/</u> Other <u>/</u>	Cellulose <u>0</u> Fiberglass <u>/</u> Other <u>/</u>	Mineral Filler <u>100</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>4</u> # of Layers <u>4</u>	Asbestos ☐ DS Color <u>/</u> Color, Pleo <u>/</u> Biref <u>/</u> Sign <u>/</u>				
Gravimetric PREP ☐	Color of Layer <u>/</u> Detected Yes <u>/</u> 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						
34	Color <u>Brown</u> Texture <u>Gr</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>/</u> Amosite <u>/</u> Other <u>/</u>	Cellulose <u>3</u> Fiberglass <u>/</u> Other <u>/</u>	Mineral Filler <u>97</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>4</u> # of Layers <u>4</u>	Asbestos ☐ DS Color <u>/</u> Color, Pleo <u>/</u> Biref <u>/</u> Sign <u>/</u>				
Gravimetric PREP ☐	Color of Layer <u>/</u> Detected Yes <u>/</u> 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						
35	Color <u>Grey</u> Texture <u>Gr</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>/</u> Amosite <u>/</u> Other <u>/</u>	Cellulose <u>69</u> Fiberglass <u>/</u> Other <u>/</u>	Mineral Filler <u>31</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>4</u> # of Layers <u>4</u>	Asbestos ☐ DS Color <u>/</u> Color, Pleo <u>/</u> Biref <u>/</u> Sign <u>/</u>				
Gravimetric PREP ☐	Color of Layer <u>/</u> Detected Yes <u>/</u> 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						
36	Color <u>Grey</u> Texture <u>Gr</u>	Morphology <u>RI I</u> Extinction <u>RI II</u>	Chrysotile <u>/</u> Amosite <u>/</u> Other <u>/</u>	Cellulose <u>100</u> Fiberglass <u>/</u> Other <u>/</u>	Mineral Filler <u>100</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>4</u> # of Layers <u>4</u>	Asbestos ☐ DS Color <u>/</u> Color, Pleo <u>/</u> Biref <u>/</u> Sign <u>/</u>				
Gravimetric PREP ☐	Color of Layer <u>/</u> Detected Yes <u>/</u> 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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CITY_21MC100_011771246

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor, New York, NY 10010 Phone (212) 353-8260, FAX (212) 353-3599 or 8306

NVLAP 101187

ELAP 10870

Microscope OLYMP BH-2

Client / Project NYC-DOE / P.S. 89 MProject No. 14584-0819Analysis Date 4/12/2Analyst Y. ReyesBatch No. 20257

1	Field No. <u>37</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>+</u>	# of Layers <u>4</u>	RI I	RI II	☒ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	Asbestos ☐	Detected Yes No	DS Color	Color, Pleo	☒ Other	☐ Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer		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>38</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>+</u>	# of Layers <u>4</u>	RI I	RI II	☒ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	Asbestos ☐	Detected Yes No	DS Color	Color, Pleo	☒ Other	☐ Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer		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>39</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>Gr</u>	Morphology	Extinction	☒ Chrysotile	<u>3</u> Cellulose	<u>97</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>+</u>	# of Layers <u>4</u>	RI I	RI II	☒ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	Asbestos ☐	Detected Yes No	DS Color	Color, Pleo	☒ Other	☐ Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer		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>40</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>Gr</u>	Morphology	Extinction	☒ Chrysotile	<u>7</u> Cellulose	<u>93</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>+</u>	# of Layers <u>4</u>	RI I	RI II	☒ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	Asbestos ☐	Detected Yes No	DS Color	Color, Pleo	☒ Other	☐ Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer		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							

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