

Settled dust bulk sample chain of custody form and laboratory results

CONFIDENTIAL,

CITY_21MC100_011771182

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

ATC ASSOCIATES INC.

BATCH NO.

20452

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: Mark Nakhumovich	
5. Date: 5-31-02		6. Building Name: P.S. 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- Fiberglass- 01	Settled Dust	Outside of school Ground Cover. surface	North side Entrance	ND
02	PS89M- Fiberglass- 02	Settled Dust	↓	South side Entrance	ND
03	PS89M- Fiberglass- 03	Settled Dust	Playground Ground Cover. surface	Center	ND
04	PS89M- Fiberglass- 04	Settled Dust	↓	South side	ND
05	PS89M- Fiberglass- 05	Settled Dust	↓	North side	ND
06	PS89M- Fiberglass- 06	Settled Dust	↓	East side	NA
07	PS89M- Fiberglass- 07	Settled Dust	↓	West side	NA
08	PS89M- Fiberglass- 08	Settled Dust	Cafeteria	floor	TR Fib.
09	PS89M- Fiberglass- 09	Settled Dust	1 st floor Hallway	South of Cafeteria	TR Fib.
10	PS89M- Fiberglass- 10	Settled Dust	↓	East of Cafeteria	TR Fib.

CHAIN OF CUSTODY

17. Relinquished By:	18. Date:	19. Time:	20. Received By:	21. Date:	22. Time:	23. Method of Submittal:
M. Nakhumovich	5-31		T. Bent	06/01/02	10 ³⁰ am	FIELD
						WALK IN
						US MAIL
						FED-X
						OTHER

LAB INFORMATION

24. Name and Signature:		25. Date:	26. Time:	27. Comments (Lab): 40 PLM C 6
24a. Analyzed By: M. Nakhumovich		6/1/02	1:15 PM	
24b. Analyzed By:				
24c. QC By:				

ATC ASSOCIATES INC.

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		7. Sampling Areas:		☐ 6 HRS ☐ 48 HOURS ☐ NORMAL		10. Time in / Time out:	

H.A.#	SAMPLE ID NUMBER	MATERIAL DESCRIPTION	LOCATION	FLOOR NUMBER	RESULTS
11	PS89M- Fiberglass- 11	Settled Dust	2nd floor South Hallway side floor		TR Fib
12	PS89M- Fiberglass- 12	Settled Dust	Auditorium floor		ND
13	PS89M- Fiberglass- 13	Settled Dust	Gymnasium floor		ND
14	PS89M- Fiberglass- 14	Settled Dust	R 304 floor		ND
15	PS89M- Fiberglass- 15	Settled Dust	R 402 floor		ND
16	PS89M- Fiberglass- 16	Settled Dust	R 328 floor		ND
17	PS89M- Fiberglass- 17	Settled Dust	4th floor South Hallway side floor		ND
18	PS89M- Fiberglass- 18	Settled Dust	R 201 floor		ND
19	PS89M- Fiberglass- 19	Settled Dust	R 202 floor		ND
20	PS89M- Fiberglass- 20	Settled Dust	R 204 floor		ND

CHAIN OF CUSTODY

17. Relinquished By:	18. Date:	19. Time:	20. Received By:	21. Date:	22. Time:	23. Method of Submittal:
<i>M. Nakhumovich</i>	5-31		<i>T. Elbert</i>	06/01/02	10:30 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: <i>M. Lowen</i>		6/1/02	1:00 pm	
24b. Analyzed By:				
24c. QC By:				

ATC ASSOCIATES INC.

BATCH NO.

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PROJECT INFORMATION

1. Client: NYC - BOE		2. Project Name: AHERA REINSPECTION		3. Project # 14584-0819		4. Project Manager: Yiannis Efsthathiou	
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5. Date: 5-31-02		6. Building Name: P.S. 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
<u>21</u>	<u>P.S.89M-</u> <u>Fiberglass- 21</u>	<u>Settled Dust</u>	<u>R 504</u> <u>floor</u>		<u>ND</u>
<u>22</u>	<u>P.S.89M-</u> <u>Fiberglass- 22</u>	<u>Settled Dust</u>	<u>R 226</u> <u>floor</u>		<u>ND</u>
<u>23</u>	<u>P.S.89M-</u> <u>Fiberglass- 23</u>	<u>Settled Dust</u>	<u>R 232</u> <u>floor</u>		<u>ND</u>
<u>24</u>	<u>P.S.89M-</u> <u>Fiberglass- 24</u>	<u>Settled Dust</u>	<u>R 230</u> <u>floor</u>		<u>ND</u>
<u>25</u>	<u>P.S.89M-</u> <u>Fiberglass- 25</u>	<u>Settled Dust</u>	<u>R 219</u> <u>floor</u>		<u>ND</u>
<u>26</u>	<u>P.S.89M-</u> <u>Fiberglass- 26</u>	<u>Settled Dust</u>	<u>R 302</u> <u>floor</u>		<u>ND</u>
<u>27</u>	<u>P.S.89M-</u> <u>Fiberglass- 27</u>	<u>Settled Dust</u>	<u>R 301</u> <u>floor</u>		<u>ND</u>
<u>28</u>	<u>P.S.89M-</u> <u>Fiberglass- 28</u>	<u>Settled Dust</u>	<u>R 316</u> <u>floor</u>		<u>TR Fib.</u>
<u>29</u>	<u>P.S.89M-</u> <u>Fiberglass- 29</u>	<u>Settled Dust</u>	<u>R 308</u> <u>floor</u>		<u>ND</u>
<u>30</u>	<u>P.S.89M-</u> <u>Fiberglass- 30</u>	<u>Settled Dust</u>	<u>R 326</u> <u>floor</u>		<u>ND</u>

CHAIN OF CUSTODY

17. Relinquished By:	18. Date:	19. Time:	20. Received By:	21. Date:	22. Time:	23. Method of Submittal:
<u>M. Nakhumovich</u>	<u>5-31</u>		<u>T. Elbert</u>	<u>06/01/02</u>	<u>10⁰⁰ am</u>	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>M. Nakhumovich</u>		<u>6/1/02</u>	<u>1 PM</u>	
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

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2a. Project Address: 201 Warren street, New York, NY 10282			4a. Investigator: Mark Nakhumovich
5. Date: <u>5-31-02</u>	6. Building Name: P.S.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
31	P.S.89M- Fiberglass- 31	Settled Dust	R 401 floor		ND
32	P.S.89M- Fiberglass- 32	Settled Dust	R 404 floor		ND
33	P.S.89M- Fiberglass- 33	Settled Dust	R 408 floor		ND
34	P.S.89M- Fiberglass- 34	Settled Dust	R 426 floor		ND
35	P.S.89M- Fiberglass- 35	Settled Dust	R 428 floor		ND
36	P.S.89M- Fiberglass- 36	Settled Dust	R 512 floor		ND
37	P.S.89M- Fiberglass- 37	Settled Dust	R 506 floor		ND
38	P.S.89M- Fiberglass- 38	Settled Dust	R 526 floor		TR Fib.
39	P.S.89M- Fiberglass- 39	Settled Dust	R 528 floor		ND
40	P.S.89M- Fiberglass- 40	Settled Dust	R 532 floor		ND

CHAIN OF CUSTODY

17. Relinquished By:	18. Date:	19. Time:	20. Received By:	21. Date:	22. Time:	23. Method of Submittal:
<u>M. Nakhumovich</u>	<u>5-31</u>		<u>T. Elbert</u>	<u>06/01/02</u>	<u>10:30 a.m.</u>	FIELD
						WALK IN
						US MAIL
						FED-X
						OTHER

LAB INFORMATION

24. Name and Signature:	25. Date:	26. Time:	27. Comments (Lab):
<u>M. Nakhumovich</u>	<u>6/1/02</u>	<u>1:00 PM</u>	
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 NYProject No. 14584-0819Analysis Date 06/01/02 Analyst M. Lena LowndBatch No. 20452

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
01	Color <u>Tan/Brown</u> Texture <u>GR</u> Homogeneity <u>Y</u> # of Layers <u>4</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	☐ Cellulose ☐ Fiberglass ☐ Other	<u>100</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:			D.C. ☐			
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
02	Color <u>Tan/Brown</u> Texture <u>GR</u> Homogeneity <u>Y</u> # of Layers <u>4</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	☐ Cellulose ☐ Fiberglass ☐ Other	<u>100</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:			D.C. ☐			
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
03	Color <u>Tan/Brown</u> Texture <u>GR</u> Homogeneity <u>Y</u> # of Layers <u>4</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	☐ Cellulose ☐ Fiberglass ☐ Other	<u>100</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:			D.C. ☐			
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
04	Color <u>Tan/Brown</u> Texture <u>GR</u> Homogeneity <u>Y</u> # of Layers <u>4</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	☐ Cellulose ☐ Fiberglass ☐ Other	<u>100</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:			D.C. ☐			
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_011771187

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NVLAP 101187

ELAP 10079

Microscope OLYMP BH-2

Client / Project NYC-DOE/P.S. 89M/201 Warren St, NY NYProject No. 14584-0819Analysis Date 06/01/02Analyst Milena LowdBatch No. 20452

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>Tan</u>	Texture <u>GR</u>	Morphology ☐	Extinction ☐	☒ Chrysotile	☐ Cellulose	<u>100</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>	☐ Asbestos ☒	RI I ☐	RI II ☐	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers <u>4</u>	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					Q.C. ☐		

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>Tan</u>	Texture <u>GR</u>	Morphology ☐	Extinction ☐	☒ Chrysotile	<u>TR</u> Cellulose	<u>100</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>	☐ Asbestos ☒	RI I ☐	RI II ☐	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers <u>4</u>	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					Q.C. ☐		

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>Tan</u>	Texture <u>GR</u>	Morphology ☐	Extinction ☐	☒ Chrysotile	<u>2</u> Cellulose	<u>98</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>	☐ Asbestos ☒	RI I ☐	RI II ☐	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers <u>4</u>	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					Q.C. ☐		

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>Tan</u>	Texture <u>GR</u>	Morphology ☐	Extinction ☐	☒ Chrysotile	<u>TR</u> Cellulose	<u>98</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>	☐ Asbestos ☒	RI I ☐	RI II ☐	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers <u>4</u>	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					Q.C. ☐		

CONFIDENTIAL,

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_011771188

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-Z

Client / Project NYC-BOE/P.S. 89M/201 Warren St, NY NYProject No. 14584-0819Analysis Date 06/01/02Analyst Mitchell LowndBatch No. 20452

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 <u>09</u>	Color <u>Tan</u> Texture <u>GR</u> Homogeneity <u>Y</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 _____ Amphibole _____ Other _____	2 Cellulose _____ TR Fiberglass _____ Other _____ <u>50% Synthetic</u> Q.C. ☐	78 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					
2 <u>10</u>	Color <u>Tan</u> Texture <u>GR</u> Homogeneity <u>Y</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 _____ Amphibole _____ Other _____	3 Cellulose _____ TR Fiberglass _____ Other _____ <u>52% Synthetic</u> Q.C. ☐	75 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					
3 <u>11</u>	Color <u>Gray</u> Texture <u>FRI</u> Homogeneity <u>Y</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 _____ Amphibole _____ Other _____	TR Cellulose _____ TR Fiberglass _____ Other _____ <u>90% Synthetic</u> Q.C. ☐	10 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					
4 <u>12</u>	Color <u>Tan/Brown</u> Texture <u>GR</u> Homogeneity <u>Y</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 _____ Amphibole _____ Other _____	10 Cellulose _____ Fiberglass _____ Other _____	90 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					

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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_011771189

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 10872

Microscope OLYP RH-2

Client / Project NYC-BOE/P.S. 89M/201 Warren St, NY NYProject No. 14584-0819Analysis Date 06/01/02Analyst Milena LowndBatch No. 20452

1	Field No. <u>13</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Tan</u>	Texture <u>GR</u>	Morphology <u>Chrysotile</u>	Extinction <u>10</u>	Cellulose <u>90</u>	Mineral Filler	Organic	
	Recommended ☐	Homogeneity <u>4</u>	# of Layers <u>4</u>	RI I <u>10</u>	RI II <u>10</u>	Fiberglass	Organic Binders	Residue	
	Gravimetric PREP ☐	Asbestos ☐	Detected Yes ☒ No ☐	DS Color <u>10</u>	Color, Pleo <u>10</u>	Other	Vermiculite	Carbonate	
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes ☐ No ☐	Biref <u>10</u>	Sign <u>10</u>		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>14</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>FR</u>	Morphology <u>Chrysotile</u>	Extinction <u>10</u>	Cellulose <u>10</u>	Mineral Filler	Organic	
	Recommended ☐	Homogeneity <u>4</u>	# of Layers <u>4</u>	RI I <u>10</u>	RI II <u>10</u>	Fiberglass	Organic Binders	Residue	
	Gravimetric PREP ☐	Asbestos ☐	Detected Yes ☒ No ☐	DS Color <u>10</u>	Color, Pleo <u>10</u>	Other	Vermiculite	Carbonate	
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes ☐ No ☐	Biref <u>10</u>	Sign <u>10</u>		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>15</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 <u>Chrysotile</u>	Extinction <u>10</u>	Cellulose <u>80</u>	Mineral Filler	Organic	
	Recommended ☐	Homogeneity <u>4</u>	# of Layers <u>4</u>	RI I <u>10</u>	RI II <u>10</u>	Fiberglass	Organic Binders	Residue	
	Gravimetric PREP ☐	Asbestos ☐	Detected Yes ☒ No ☐	DS Color <u>10</u>	Color, Pleo <u>10</u>	Other	Vermiculite	Carbonate	
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes ☐ No ☐	Biref <u>10</u>	Sign <u>10</u>		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>16</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>FR</u>	Morphology <u>Chrysotile</u>	Extinction <u>10</u>	Cellulose <u>10</u>	Mineral Filler	Organic	
	Recommended ☐	Homogeneity <u>4</u>	# of Layers <u>4</u>	RI I <u>10</u>	RI II <u>10</u>	Fiberglass	Organic Binders	Residue	
	Gravimetric PREP ☐	Asbestos ☐	Detected Yes ☒ No ☐	DS Color <u>10</u>	Color, Pleo <u>10</u>	Other	Vermiculite	Carbonate	
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes ☐ No ☐	Biref <u>10</u>	Sign <u>10</u>		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							

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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HVLP 101167

ELAP 10879

Microscope OLYMP BH-2

Client / Project NYC-BOE/P.S. 89M/201 Warren St, NY NYProject No. 14584-0819Analysis Date 06/01/02Analyst Mileva LowdBatch No. 20452

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 <u>17</u>	Color <u>Brown</u> Texture <u>FR</u> Homogeneity <u>Y</u> # of Layers <u>h</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 _____ Fiberglass _____ Other _____	<u>100</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			Q.C. ☐			
2 <u>18</u>	Color <u>Brown</u> Texture <u>FR</u> Homogeneity <u>Y</u> # of Layers <u>h</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes ☒ No ☐ Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>10</u> Cellulose <u>10</u> Mineral Filler _____ Fiberglass _____ Organic Binders _____ Other <u>80% Synthetic</u> Vermiculite _____ Q.C. ☐ 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			Q.C. ☐			
3 <u>19</u>	Color <u>Gray</u> Texture <u>FR</u> Homogeneity <u>Y</u> # of Layers <u>h</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes ☒ No ☐ Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	<u>10</u> Cellulose <u>10</u> Mineral Filler _____ Fiberglass <u>TR</u> Organic Binders _____ Other <u>80% Synthetic</u> Vermiculite _____ Q.C. ☐ 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			Q.C. ☐			
4 <u>20</u>	Color <u>Brown</u> Texture <u>FR</u> Homogeneity <u>Y</u> # of Layers <u>h</u> Asbestos ☐ ☒ 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 <u>20</u> Mineral Filler _____ Fiberglass _____ Organic Binders _____ Other _____ Vermiculite _____ Q.C. ☐ 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			Q.C. ☐			

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NVLAP 161187

ELAP 10879

Microscope OLYMP BH 2

Client / Project NYC-BOE/P.S. 89M/201 Warren St, NY NYProject No. 14584-0819Analysis Date 06/01/02Analyst Mileas LowdBatch No. 20452

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 <u>21</u>	Color <u>Light Brown</u> Texture <u>FL</u> Homogeneity <u>Y</u> # of Layers <u>4</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>10</u> Cellulose Fiberglass Other	<u>10</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		80% Synthetic a.c.		
POINT COUNT RESULTS ON THE BACK						
2 <u>22</u>	Color <u>Light Brown</u> Texture <u>FL</u> Homogeneity <u>Y</u> # of Layers <u>4</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>10</u> Cellulose Fiberglass Other	<u>10</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		80% Synthetic a.c.		
POINT COUNT RESULTS ON THE BACK						
3 <u>23</u>	Color <u>Gray</u> Texture <u>FL</u> Homogeneity <u>Y</u> # of Layers <u>4</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>10</u> Cellulose Fiberglass Other	<u>10</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		80% Synthetic a.c.		
POINT COUNT RESULTS ON THE BACK						
4 <u>24</u>	Color <u>Brown</u> Texture <u>GR</u> Homogeneity <u>Y</u> # of Layers <u>4</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>TR</u> Cellulose Fiberglass Other	<u>10</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
Comments:		Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		a.c.		
POINT COUNT RESULTS ON THE BACK						

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NVLAP 101187

ELAP 10879

Microscope OLYMP BH-2

Client / Project NYC-DOE/P.S. 89M/201 Warren St, NY NYProject No. 14584-0819Analysis Date 06/04/02Analyst Milena LowelBatch No. 20452

1	Field No. <u>25</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Tan</u>	Texture <u>GR</u>	Morphology <u>RI I</u>	Extinction <u>RI II</u>	<u>Chrysotile</u>	<u>20</u> Cellulose	<u>30</u> Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>Y</u>	# of Layers <u>11</u>	Asbestos ☐ ☒	DS Color	<u>Amosite</u>	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	Color of Layer	Detected Yes No	Biref	Sign	<u>Other</u>	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Comments:				80% Synthetic		Other	Asbestos
	Gravimetric (NOB) TEM ☐	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒		SCANNING OPTION: ELAP (P.C.) & EPA ☒		First 4 preps. Asbestos = 0		<u>TR Horshorn</u>	
	POINT COUNT RESULTS ON THE BACK								

2	Field No. <u>26</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Tan</u>	Texture <u>GR</u>	Morphology <u>RI I</u>	Extinction <u>RI II</u>	<u>Chrysotile</u>	<u>30</u> Cellulose	<u>70</u> Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>Y</u>	# of Layers <u>11</u>	Asbestos ☐ ☒	DS Color	<u>Amosite</u>	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	Color of Layer	Detected Yes No	Biref	Sign	<u>Other</u>	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Comments:				Q.C.		Other	Asbestos
	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								

3	Field No. <u>27</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>FR</u>	Morphology <u>RI I</u>	Extinction <u>RI II</u>	<u>Chrysotile</u>	<u>20</u> Cellulose	<u>20</u> Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>Y</u>	# of Layers <u>11</u>	Asbestos ☐ ☒	DS Color	<u>Amosite</u>	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	Color of Layer	Detected Yes No	Biref	Sign	<u>Other</u>	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Comments:				80% Synthetic		Other	Asbestos
	Gravimetric (NOB) TEM ☐	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								

4	Field No. <u>28</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 <u>RI I</u>	Extinction <u>RI II</u>	<u>Chrysotile</u>	<u>TR</u> Cellulose	<u>100</u> Mineral Filler	Organic
	Recommended ☐	Homogeneity <u>Y</u>	# of Layers <u>11</u>	Asbestos ☐ ☒	DS Color	<u>Amosite</u>	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	Color of Layer	Detected Yes No	Biref	Sign	<u>Other</u>	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Comments:				80% Synthetic		Other	Asbestos
	Gravimetric (NOB) TEM ☐	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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NVLAP 101187

ELAP 10879

Microscope OLYMP BH-2

Client / Project NYC-BOE/P.S. 89M/201 Warren St, NY NYProject No. 14584-0819Analysis Date 06/01/02Analyst Milena LowdBatch No. 20452

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 <u>29</u>	Color <u>Gray</u> Texture <u>Gr</u> Homogeneity <u>Y</u> # of Layers <u>11</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pieo _____ Brief _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>30</u> Fiberglass _____ Other <u>50% Synthetic</u>	Mineral Filler <u>20</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 prep. Asbestos = 0					
2 <u>30</u>	Color <u>Gray</u> Texture <u>FR</u> Homogeneity <u>Y</u> # of Layers <u>11</u> Asbestos ☒ ☐ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pieo _____ Brief _____ Sign _____	Chrysotile <u>0.5</u> Amosite _____ Other _____	Cellulose _____ Fiberglass _____ Other <u>90 Synthetic</u>	Mineral Filler <u>2.5</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 prep. Asbestos = 0					
3 <u>31</u>	Color <u>Brown</u> Texture <u>Gr</u> Homogeneity <u>Y</u> # of Layers <u>11</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pieo _____ Brief _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>10</u> Fiberglass _____ Other <u>30% Synthetic</u>	Mineral Filler <u>60</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 prep. Asbestos = 0					
4 <u>32</u>	Color <u>TOH</u> Texture <u>Gr</u> Homogeneity <u>Y</u> # of Layers <u>11</u> Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pieo _____ Brief _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>10</u> Fiberglass <u>70</u> Other <u>10% Synthetic</u>	Mineral Filler <u>20</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 prep. Asbestos = 0					

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NVLAP 161187

ELAP 10879

Microscope OLYMP BH-2

Client / Project NYC-1306/P.S. 89M/201 Warren St, NY NYProject No. 14584-0819Analysis Date 06/01/02 Analyst Milena LowndBatch No. 20452

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 35	Color <u>Gray</u> Texture <u>FR</u> Homogeneity <u>Y</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>20</u> Amosite <u> </u> Other <u> </u>	Cellulose <u>10</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 prep. Asbestos = 0						
2 34	Color <u>Brown</u> Texture <u>GR</u> Homogeneity <u>Y</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>72</u> Amosite <u> </u> Other <u> </u>	Cellulose <u>72</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>
POINT COUNT RESULTS ON THE BACK						
Method: ☐ ELAP & EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0						
3 35	Color <u>Tan</u> Texture <u>GR</u> Homogeneity <u>Y</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>10</u> Fiberglass <u> </u> Other <u> </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 <u> </u>
POINT COUNT RESULTS ON THE BACK						
Method: ☐ ELAP & EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0						
4 36	Color <u>Gray</u> Texture <u>FR</u> Homogeneity <u>Y</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>20</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 prep. Asbestos = 0						

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NVLAP 101187

ELAP 10870

Microscope OLYMP BH-2

Client / Project NYC-BOE/P.S. 89M/201 Warren St, NY NYProject No. 14584-0819Analysis Date 06/01/02 Analyst Milena LowndBatch No. 20452

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 <u>37</u>	Color <u>Tan</u> Texture <u>GR</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 <u>2% Synthetic</u>	Cellulose <u>2</u> Fiberglass _____ Other _____	Mineral Filler <u>96</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 <u>38</u>	Color <u>Brown</u> Texture <u>GR</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 <u>100% Synthetic</u>	Cellulose <u>30</u> Fiberglass <u>70</u> Other _____	Mineral Filler <u>60</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 <u>39</u>	Color <u>Brown</u> Texture <u>GR</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 <u>100% Synthetic</u>	Cellulose <u>90</u> Fiberglass <u>10</u> Other _____	Mineral Filler <u>90</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 <u>40</u>	Color <u>Brown</u> Texture <u>GR</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 <u>100% Synthetic</u>	Cellulose <u>10</u> Fiberglass <u>80</u> Other _____	Mineral Filler <u>80</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					

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

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