NYC 9/11 Public Portal Document

ALC Environmental Inc.

3000

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10 / 05 / 01

PROJECT NAME: Letruk - Organization

PROJECT NUMBER: Building 500 - 385 South End Avenue

TURN AROUND TIME 2hr___ 6hr___ 12hr✓ 24hr___ 72hr___ Other___

Home Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	#1	Misc	Apt 7A - livingrm - window		
	2		7B - livingrm - window		
	3		7C - livingrm - window		
	4		Apt 7D/7E - livingrm - window		
	5		7D/7E - Bedrm - floor		
	6		7F - livingrm - window		
	7		7G - livingrm - window		
	8		7M - livingrm - window		
	9		7N - livingrm - window		
	10		6B - livingrm - window		
	11		6B - Bedrm - window		
	12		6D - livingrm - window		
	13		6K - livingrm - window		
	14		6N - livingrm - window		
	15		5B - livingrm - window		
	16		5C - livingrm - window		
	17		5G - livingrm - window		
	18		5J - Bedrm 1 - window		
	19		5K - Bedroom 1 - window		
	20		5K - livingrm - window		

Field Comments:

Relinquished by: A.R. Blake **Date:** 10-5-01

Received by: glc **Date:** 10/6/01

Laboratory Name: ATC

46 P

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CONFIDENTIAL, CITY_21MC100_003384928

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000409201

NYC 9/11 Public Portal Document

ALC Environmental Inc.

3050

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10, 5, 01

PROJECT NAME: Midstate

PROJECT ADDRESS: Building 500- 385 South End Avenue

TURN AROUND TIME 2hr___ 6hr___ 12hr ✓ 24hr___ 72hr___ Other___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	21	MISC	5L - livingrm - floor		
	22		5L - livingrm - window		
	23		5M - livingrm - window		
	24		4C - livingrm - window		
	25		4C - Bedrm - window		
	26		4E - livingrm - window		
	27		4F - livingrm - window		
	28		4M - Bedrm - floor		
	29		4M - livingrm - floor		
	30		4N - livingrm - window		
	31		3A - livingrm - window		
	32		3B/3C/3D - Bedrm2 - window		
	33		3E - livingrm - floor		
	34		3G - livingrm - window		
	35		3K - Bedrm2 - window		
	36		3N - livingrm - window		
	37		3N - livingrm - floor		
	38		2D - Bedrm2 - window		
	39		2F - Bedrm 1 - window		
	40		2F - Bedrm 2 - window		

Field Comments:

Relinquished by: A.R Blake **Date:** 10-5-01

Received by: [illegible] **Date:** 10/6/01

Laboratory Name: NSC

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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000409202

NYC 9/11 Public Portal Document

ALC Environmental Inc.

3010

ALC ENVIRONMENTAL
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

DATE OF SAMPLING: 10/5/01

PROJECT NAME: Mid-State

PROJECT ADDRESS: 385 Southerdane - Bldg. 500

TURN AROUND TIME 2hr___ 6hr___ 12hr___ 24hr X 72hr___ Other___

Homo Area	Sample #	Material	Sample Location/Description	Quantity	% Asbestos
1	41	MISC	Apt #2K, livingRm, WS		
	42		2K, Bedrm, WS		
	43		2L, LivingRm, WS		
	44		1B, LivingRm, WS		
	45		1B, Bedrm, WS		
	46		1G, livingRm, WS		

Field Comments:

Relinquished by: A.L Blake Date: 10-5-01

Received by: [signature] Date: 10/6/01

Laboratory Name: ATC

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NYC-WTC_000409203

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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 101197
ELAP 10870
Microscope OLYP BH-2

Client / Project ALC / Lefrak Bldg 500 Project No _____

Analysis Date 10/6/01 Analyst GA / [illegible] Batch No. 3050

1 Field No. 1	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology ___ Extinction ___	___ Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☐	Homogeneity ✓	RI ∥ ___ RI ⊥ ___	___ Amosite	30 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					

2 Field No. ✓	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology W Extinction ∥	Tr Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☐	Homogeneity ✓	RI ∥ ~ RI ⊥ ~	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers ___ Asbestos ☒ ☐	DS Color Tan/L Color,Pleo N	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref C 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					

3 Field No. 3	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology W F F Extinction ∥ ∥	0.5 Chrysotile	0.25 Cellulose	60 Mineral Filler	___ Organic
Recommended ☐	Homogeneity ✓	RI ∥ L L RI ⊥ L L	0.25 Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers ___ Asbestos ☒ ☐	DS Color W/L Color,Pleo ~	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref C Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☒ W		___ 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. 4	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology W Extinction ∥	Tr Chrysotile	15 Cellulose	55 Mineral Filler	___ Organic
Recommended ☐	Homogeneity ✓	RI ∥ ~ RI ⊥ ~	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers ___ Asbestos ☒ ☐	DS Color Tan/L Color,Pleo N	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref C 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					

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CITY_21MC100_003384931
NYC-WTC_000409204

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 10111
ELAP 10070
Microscope OLYP BH-2

Client / Project: ALC / Lefrak Bldg 500 Project No: ____

Analysis Date: 10/6/01 Analyst: [illegible] Batch No: 3050

1 Field No. 5	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WF Extinction: ∥	TR Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☒	Homogenity: X	RI I: [illegible] RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: X Asbestos: ☒ ☐	DS Color: [illegible] Color, Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected: Yes No	Biref: [illegible] Sign: [illegible]			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☒ [illegible]		___ 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. 6	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WF Extinction: ∥	0.5 Chrysotile	19.5 Cellulose	50 Mineral Filler	___ Organic
Recommended ☒	Homogenity: X	RI I: [illegible] RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: X Asbestos: ☒ ☐	DS Color: [illegible] Color, Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected: Yes No	Biref: [illegible] Sign: [illegible]			___ 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					

3 Field No. 7	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WF Extinction: ∥	0.5 Chrysotile	19.5 Cellulose	50 Mineral Filler	___ Organic
Recommended ☒	Homogenity: X	RI I: [illegible] RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: X Asbestos: ☒ ☐	DS Color: [illegible] Color, Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected: Yes No	Biref: [illegible] Sign: [illegible]			___ 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. 8	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WF Extinction: ∥	TR Chrysotile	20 Cellulose	30 Mineral Filler	___ Organic
Recommended ☒	Homogenity: X	RI I: [illegible] RI II: [illegible]	___ Amosite	50 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: X Asbestos: ☒ ☐	DS Color: [illegible] Color, Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected: Yes No	Biref: [illegible] Sign: [illegible]			___ 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					

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ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NVLAP 101187
ELAP 10870
Microscope OLYP BH 2

Client / Project ALC / Lefrak Bldg 500 Project No

Analysis Date 10/6/01 Analyst GP / [illegible] Batch No 3050

#	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	9	Color Tan; Texture F; Homogeneity ✓; # of Layers 1; Asbestos ☒; Color of Layer —; Detected Yes ✓ No; Comments	Morphology W/F; Extinction P; RI I Med; RI II W; DS Color Lt Br; Color,Pleo 4; Biref L; Sign 4	0.5 Chrysotile; — Amosite; — Other	15 Cellulose; 30 Fiberglass; — Other	5 Mineral Filler; — Organic Binders; — Vermiculite; — Other	— Organic; — Residue; — Carbonate; — Other; — Asbestos
2	10	Color Tan; Texture F; Homogeneity ✓; # 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	15 Cellulose; 30 Fiberglass; — Other	55 Mineral Filler; — Organic Binders; — Vermiculite; — Other	— Organic; — Residue; — Carbonate; — Other; — Asbestos
3	11	Color Tan; Texture F; Homogeneity ✓; # of Layers 1; Asbestos ☒; Color of Layer —; Detected Yes No; Comments:	Morphology W/F; Extinction P; RI I Med; RI II W; DS Color Lt Br; Color,Pleo 4; Biref L; Sign 4	TR Chrysotile; — Amosite; — Other	15 Cellulose; 30 Fiberglass; — Other	55 Mineral Filler; — Organic Binders; — Vermiculite; — Other	— Organic; — Residue; — Carbonate; — Other; — Asbestos
4	V	Color Tan; Texture F; Homogeneity ✓; # of Layers 1; Asbestos ☒; Color of Layer —; Detected Yes No; Comments:	Morphology W/F; Extinction P; RI I Med; RI II W; DS Color Lt Br; Color,Pleo 4; Biref L; Sign 4	0.25 Chrysotile; — Amosite; — Other	9.75 Cellulose; 30 Fiberglass; — Other	60 Mineral Filler; — Organic Binders; — Vermiculite; — Other	— Organic; — Residue; — Carbonate; — Other; — Asbestos

Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point Count Results on the Back

Method: ☐ PLM + EPA ☐ PLM ☐ EPA ☐ other ☐ Scanning Options: PLM (P.C.) & EPA First 4 preps Asbestos = 0

a.c. ☐

ATC ASSOCIATES
CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008
CITY_21MC100_003384933
NYC-WTC_000409206

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 101167
ELAP 10878
Microscope OLYP BH-2

Client / Project: ALC / Lefrak Bldg 500 Project No: ____

Analysis Date: 10/6/01 Analyst: [illegible] Batch No: 3050

1 Field No. 13	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color: Tan Texture: F Homogenity: Y # of Layers: Y Asbestos: ☒ ☐ Color of Layer: ____ Detected: Yes No	Morphology: WF Extinction: U RI I: [illegible] RI II: [illegible] DS Color: [illegible] Color Pleo: [illegible] Biref: [illegible] Sign: [illegible]	TR Chrysotile ____ Amosite ____ Other	19 Cellulose 30 Fiberglass ____ Other	51 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point count results on the back	Comments: Method: ☒ ELAP + EPA ☐ ELAP ☐ EPA ☐ Other ☐ Scanning option: ELAP (P.C.) & EPA First 4 preps Asbestos = 0			Q.C. ☐		

2 Field No. 14	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color: Tan Texture: F Homogenity: Y # of Layers: Y Asbestos: ☒ ☐ Color of Layer: ____ Detected: Yes No	Morphology: WF Extinction: U RI I: [illegible] RI II: [illegible] DS Color: [illegible] Color Pleo: [illegible] Biref: [illegible] Sign: [illegible]	TR Chrysotile ____ Amosite ____ Other	15 Cellulose 30 Fiberglass ____ Other	55 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point count results on the back	Comments: Method: ☒ ELAP + EPA ☐ ELAP ☐ EPA ☐ Other ☐ Scanning option: ELAP (P.C.) & EPA First 4 preps Asbestos = 0			Q.C. ☒ [illegible]		

3 Field No. 15	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color: Tan Texture: F Homogenity: Y # of Layers: Y Asbestos: ☒ ☐ Color of Layer: ____ Detected: Yes No	Morphology: WF Extinction: U RI I: [illegible] RI II: [illegible] DS Color: [illegible] Color Pleo: [illegible] Biref: [illegible] Sign: [illegible]	TR Chrysotile ____ Amosite ____ Other	20 Cellulose 30 Fiberglass ____ Other	50 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point count results on the back	Comments: Method: ☒ ELAP + EPA ☐ ELAP ☐ EPA ☐ Other ☐ Scanning option: ELAP (P.C.) & EPA First 4 preps Asbestos = 0			Q.C. ☐		

4 Field No. 16	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color: Tan Texture: F Homogenity: Y # of Layers: Y Asbestos: ☒ ☐ Color of Layer: ____ Detected: Yes No	Morphology: WF Extinction: U RI I: [illegible] RI II: [illegible] DS Color: [illegible] Color Pleo: [illegible] Biref: [illegible] Sign: [illegible]	0.5 Chrysotile ____ Amosite ____ Other	19.5 Cellulose 30 Fiberglass ____ Other	50 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
Point count results on the back	Comments: Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ Other ☐ Scanning option: ELAP (P.C.) & EPA First 4 preps Asbestos = 0			Q.C. ☐		

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ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NVLAP 101487
ELAP 10929
Microscope OLYP BH 2

Client / Project: ALC / Lefrak Bldg 500 Project No. ____

Analysis Date: 10/6/01 Analyst: [illegible] Batch No: 3050

1 Field No. 17	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WF Extinction: II	TR Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☒	Homogenity: Y	RI I: [illegible] RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 2 Asbestos ☒ ☐	DS Color: [illegible] Color,Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected Yes No	Biref: [illegible] Sign: [illegible]			___ 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. 18	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WF Extinction: II	TR Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☒	Homogenity: Y	RI I: [illegible] RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 2 Asbestos ☒ ☐	DS Color: [illegible] Color,Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected Yes No	Biref: [illegible] Sign: [illegible]			___ 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					

3 Field No. 19	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WF Extinction: II	TR Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☒	Homogenity: Y	RI I: [illegible] RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 2 Asbestos ☒ ☐	DS Color: [illegible] Color,Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected Yes No	Biref: [illegible] Sign: [illegible]			___ 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. 20	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WF Extinction: II	TR Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☒	Homogenity: Y	RI I: [illegible] RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 2 Asbestos ☐ ☐	DS Color: [illegible] Color,Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected Yes No	Biref: [illegible] Sign: [illegible]			___ 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

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8200, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10474
Microscope OLYP BH-2

Client / Project: ALC / Lefrak Bldg 500 Project No. ____

Analysis Date: 10/6/01 Analyst: [illegible] Batch No: 3050

1 Field No. 21	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan; Texture: F	Morphology: W; Extinction: 4	Tr Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☒	Homogenity: Y	RI I: [illegible]; RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 2; Asbestos ☐ ☐	DS Color: [illegible]; Color,Pleo: 4	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected Yes No	Biref: [illegible]; Sign: [illegible]			___ 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. 22	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan; Texture: F	Morphology: ___; Extinction: ___	___ Chrysotile	15 Cellulose	55 Mineral Filler	___ Organic
Recommended ☐	Homogenity: Y	RI I: ___; RI II: ___	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 2; 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					

3 Field No. 23	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan; Texture: F	Morphology: ___; Extinction: ___	___ Chrysotile	15 Cellulose	60 Mineral Filler	___ Organic
Recommended ☐	Homogenity: Y	RI I: ___; RI II: ___	___ Amosite	25 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 2; 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. 24	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan; Texture: F	Morphology: W; Extinction: 4	Tr Chrysotile	15 Cellulose	65 Mineral Filler	___ Organic
Recommended ☒	Homogenity: Y	RI I: [illegible]; RI II: [illegible]	___ Amosite	20 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 2; Asbestos ☒ ☐	DS Color: [illegible]; Color,Pleo: 4	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected Yes No	Biref: [illegible]; Sign: [illegible]			___ 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					

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NVLAP 101587
ELAP 10479
Microscope OLYP BH 2

Client / Project ALC / Lefrak Bldg 500 Project No. _____

Analysis Date 10/6/01 Analyst [illegible] Batch No 3050

1 Field No. 25	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogenity ✓ # of Layers 1 Asbestos ☒ ☐ Color of Layer — Detected Yes ✓ No Comments:	Morphology W/F Extinction P RI l Ran RI ll Ran DS Color Ran Color,Pleo Tn Biref L Sign +	Tr Chrysotile — Amosite — Other	15 Cellulose 25 Fiberglass — Other	60 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ PLM + EPA ☐ PLM ☐ EPA ☐ other ☐ SCANNING OPTION: PLM (P.C.) & EPA Fast 4 preps. Asbestos = 0			O.C ☐		

2 Field No. 26	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogenity ✓ # of Layers 1 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W/F Extinction P RI l Ran RI ll Ran DS Color Ran Color,Pleo Tn Biref L Sign +	Tr Chrysotile — Amosite — Other	20 Cellulose 25 Fiberglass — Other	55 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ PLM + EPA ☐ PLM ☐ EPA ☐ other ☐ SCANNING OPTION: PLM (P.C.) & EPA Fast 4 preps. Asbestos = 0			O.C ☐		

3 Field No 27	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogenity ✓ # of Layers 1 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W/F Extinction P RI l Ran RI ll Ran DS Color L — Color,Pleo — Biref — Sign —	Tr Chrysotile — Amosite — Other	20 Cellulose 25 Fiberglass — Other	5 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ PLM + EPA ☐ PLM ☐ EPA ☐ other ☐ SCANNING OPTION: PLM (P.C.) & EPA Fast 4 preps. Asbestos = 0			O.C. ☐		

4 Field No 28	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☒ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Tan Texture F Homogenity ✓ # of Layers 1 Asbestos ☒ ☐ Color of Layer — Detected Yes No Comments:	Morphology W/F Extinction P RI l Ran RI ll Ran DS Color Ran Color,Pleo Tn Biref L Sign +	Tr Chrysotile — Amosite — Other	20 Cellulose 25 Fiberglass — Other	55 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ PLM + EPA ☐ PLM ☐ EPA ☐ other ☐ SCANNING OPTION: PLM (P.C.) & EPA Fast 4 preps. Asbestos = 0			O.C. ☐		

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NVLAP 100187
ELAP 10876
Microscope OLYP BH-2

Client / Project: ALC / Lefrak Bldg 500 Project No: ____

Analysis Date: 10/6/01 Analyst: [illegible] Batch No: 3050

1 Field No. 29	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WZ Extinction: U	0.5 Chrysotile	14.5 Cellulose	60 Mineral Filler	___ Organic
Recommended ☒	Homogenity: Y	RI I: [illegible] RI II: [illegible]	___ Amosite	25 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 1 Asbestos ☒ ☐	DS Color: [illegible] Color,Pleo: G	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected Yes No	Biref: L Sign: [illegible]			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments			Q.C. ☐		___ Asbestos
FOUR COURT RESULTS ON THE BACK	Method: ☒ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

2 Field No. 30	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WZ Extinction: U	TR Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☒	Homogenity: Y	RI I: [illegible] RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 1 Asbestos ☒ ☐	DS Color: [illegible] Color,Pleo: G	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected Yes No	Biref: L Sign: [illegible]			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
FOUR COURT RESULTS ON THE BACK	Method: ☒ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

3 Field No. 31	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WZ Extinction: U	TR Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☒	Homogenity: Y	RI I: [illegible] RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 1 Asbestos ☒ ☐	DS Color: [illegible] Color,Pleo: G	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected Yes No	Biref: L Sign: [illegible]			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
FOUR COURT RESULTS ON THE BACK	Method: ☒ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

4 Field No. 32	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan Texture: F	Morphology: WZ Extinction: U	TR Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☒	Homogenity: Y	RI I: [illegible] RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: 1 Asbestos ☒ ☐	DS Color: [illegible] Color,Pleo: G	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___ Detected Yes No	Biref: L Sign: [illegible]			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
FOUR COURT 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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NVLAP 101182
ELAP 10079
Microscope OLYP BH 2

Client / Project: ALC / Lefrak Bldg 500 Project No: ____

Analysis Date: 10/6/01 Analyst: [illegible] Batch No: 3050

1 Field No. 33	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: tan; Texture: [illegible]	Morphology: W/N; Extinction: 1/3	Tr Chrysotile	30 Cellulose	30 Mineral Filler	___ Organic
Recommended ☑	Homogenity: Y	RI I: 1.00/1.00; RI II: 1.00/1.00	Tr Amosite	38 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: ___; Asbestos: ☑ ☐	DS Color: [illegible]; Color Pleo: [illegible]	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L/M; Sign: [illegible]			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
Point Count Results on the Back	Method: ☑ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCATTERING OPTICS: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

2 Field No. 34	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan; Texture: F	Morphology: W/N; Extinction: 1/3	Tr Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☒	Homogenity: Y	RI I: [illegible]; RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: X; Asbestos: ☒ ☐	DS Color: [illegible]; Color Pleo: a	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
Point Count Results on the Back	Method: ☒ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCATTERING OPTICS: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

3 Field No. 35	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan; Texture: F	Morphology: W/N; Extinction: 1/3	Tr Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☐	Homogenity: Y	RI I: [illegible]; RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: X; Asbestos: ☒ ☐	DS Color: [illegible]; Color Pleo: a	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
Point Count Results on the Back	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCATTERING OPTICS: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

4 Field No. 36	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color: Tan; Texture: F	Morphology: W/N; Extinction: 1/3	Tr Chrysotile	20 Cellulose	50 Mineral Filler	___ Organic
Recommended ☐	Homogenity: Y	RI I: [illegible]; RI II: [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers: X; Asbestos: ☒ ☐	DS Color: [illegible]; Color Pleo: a	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer: ___; Detected: Yes No	Biref: L; Sign: P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
Point Count Results on the Back	Method: ☒ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCATTERING OPTICS: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0					

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NVLAP 101161
ELAP 10478
Microscope OLYP BH-2

Client / Project ALC / Lefrak Bldg 500 Project No _____

Analysis Date 10/6/01 Analyst GPR / mb Batch No. 3050

1 Field No. 37	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology W/F Extinction P	3 Chrysotile	20 Cellulose	45 Mineral Filler	____ Organic
Recommended ☐	Homogenity X	RI I ____ RI II ____	____ Amosite	35 Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers X Asbestos ☒ ☐	DS Color W/L Color,Pleo A	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes / No	Biref L Sign P			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:			a.c. ☐		____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ PLM + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTICAL: ELAP (P.C. 1 & EPA) First 4 preps Asbestos = 0					

2 Field No. 38	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology W/F Extinction P	3 Chrysotile	25 Cellulose	45 Mineral Filler	____ Organic
Recommended ☐	Homogenity X	RI I ____ RI II ____	____ Amosite	30 Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers X Asbestos ☒ ☐	DS Color W/L Color,Pleo A	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref L Sign P			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:			a.c ☐		____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ PLM + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTICAL: ELAP (P.C. 1 & EPA) First 4 preps Asbestos = 0					

3 Field No. 39	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology W/F Extinction P	3 Chrysotile	25 Cellulose	45 Mineral Filler	____ Organic
Recommended ☐	Homogenity X	RI I ____ RI II ____	____ Amosite	30 Fiberglass	____ Organic Binders	____ Residue
Gravimetric PREP ☐	# of Layers X Asbestos ☒ ☐	DS Color W/L Color,Pleo A	____ Other	____ Other	____ Vermiculite	____ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ____ Detected Yes No	Biref L Sign P			____ Other	____ Other
Gravimetric (NOB) TEM ☐	Comments:			a.c. ☐		____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ PLM + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTICAL: ELAP (P.C. 1 & EPA) First 4 preps Asbestos = 0					

4 Field No. 40	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology ____ Extinction ____	____ Chrysotile	30 Cellulose	50 Mineral Filler	____ Organic
Recommended ☐	Homogenity X	RI I ____ RI II ____	____ Amosite	20 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:			a.c. ☐		____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ PLM + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTICAL: ELAP (P.C. 1 & EPA) First 4 preps Asbestos = 0					

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NVLAP 101147
ELAP 10478
Microscope OLYP BH-2

Client / Project ALC / Lefrak Bldg 500 Project No. _____

Analysis Date 10/6/01 Analyst [illegible] Batch No 3050

1 Field No. 41	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology W Extinction P	1 Chrysotile	30 Cellulose	40 Mineral Filler	___ Organic
Recommended ☒	Homogeneity H	RI l [illegible] RI h [illegible]	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 1 Asbestos ☒ ☐	DS Color [illegible] Color,Pleo N	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other - Asbestos
Gravimetric (NOB) TEM ☐	Comments			Q.C ☒ MW		
POINT COUNT RESULTS ON THE BACK	Method: ☒ EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (PC 1) & EPA Fast 4 preps Asbestos = 0					

2 Field No 42	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology W Extinction P	1 Chrysotile	20 Cellulose	5 Mineral Filler	___ Organic
Recommended ☒	Homogeneity H	RI l RI h	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 1 Asbestos ☒ ☐	DS Color Color,Pleo N	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other - Asbestos
Gravimetric (NOB) TEM ☐	Comments			Q.C ☐		
POINT COUNT RESULTS ON THE BACK	Method: ☒ EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (PC 1) & EPA Fast 4 preps Asbestos = 0					

3 Field No. 43	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology W Extinction P	1 Chrysotile	20 Cellulose	5 Mineral Filler	___ Organic
Recommended ☒	Homogeneity H	RI l RI h	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 1 Asbestos ☒ ☐	DS Color Color,Pleo N	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other - Asbestos
Gravimetric (NOB) TEM ☐	Comments:			Q.C ☐		
POINT COUNT RESULTS ON THE BACK	Method: ☒ EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (PC 1) & EPA Fast 4 preps Asbestos = 0					

4 Field No. 44	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology W Extinction P	1 Chrysotile	20 Cellulose	5 Mineral Filler	___ Organic
Recommended ☒	Homogeneity H	RI l RI h	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 1 Asbestos ☒ ☐	DS Color Color,Pleo N	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref L Sign +			___ Other	___ Other - Asbestos
Gravimetric (NOB) TEM ☐	Comments:			Q.C ☐		
POINT COUNT RESULTS ON THE BACK	Method: ☒ EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTION: ELAP (PC 1) & EPA Fast 4 preps Asbestos = 0					

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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 10878
Microscope OLYP BH 2

Client / Project ALC / Lefrak Bldg 500 Project No

Analysis Date 10/6/01 Analyst [illegible] Batch No 3050

1 Field No. 45	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology W/F Extinction P	1% Chrysotile	30 Cellulose	65 Mineral Filler	___ Organic
Recommended ☒	Homogenity Y	RI l Cm RI ⊥ Cm	___ Amosite	25 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers 1 Asbestos ☒ ☐	DS Color Cm Color,Pleo Cm	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes ☐ No ☐	Bire ___ Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ PLM + DS ☐ PLM ☐ DS ☐ OTHER ☐ SCANNING OPTION: PLM (P.C.) & DS first 4 preps Asbestos = 0					

2 Field No. 46	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☒	Color Tan Texture F	Morphology W/F Extinction P	1% Chrysotile	30 Cellulose	65 Mineral Filler	___ Organic
Recommended ☒	Homogenity Y	RI l Cm RI ⊥ Cm	___ Amosite	25 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers ___ Asbestos ☒ ☐	DS Color Cm Color,Pleo Cm	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes ☐ No ☐	Bire ___ Sign +			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☒ PLM + DS ☐ PLM ☐ DS ☐ OTHER ☐ SCANNING OPTION: PLM (P.C.) & DS first 4 preps Asbestos = 0					

3 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color ___ Texture ___	Morphology ___ Extinction ___	___ Chrysotile	___ Cellulose	___ Mineral Filler	___ Organic
Recommended ☐	Homogenity ___	RI l ___ RI ⊥ ___	___ 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 ☐	Bire ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments.			Q.C ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ PLM + DS ☐ PLM ☐ DS ☐ OTHER ☐ SCANNING OPTION: PLM (P.C.) & DS first 4 preps Asbestos = 0					

4 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color ___ Texture ___	Morphology ___ Extinction ___	___ Chrysotile	___ Cellulose	___ Mineral Filler	___ Organic
Recommended ☐	Homogenity ___	RI l ___ RI ⊥ ___	___ 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 ☐	Bire ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ PLM + DS ☐ PLM ☐ DS ☐ OTHER ☐ SCANNING OPTION: PLM (P.C.) & DS first 4 preps Asbestos = 0					

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