

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

HVLP 101187

ELAP 10939

Microscope OLYMP BH-2

Client / Project

Warren & Pomeroy / PS234 us

Project No.

Analysis Date

12/6/01

Analyst

merit

Batch No.

3371

1	Field No. <u>4-01</u>	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 ☐	Homogeneity _____		RI I _____	RI II _____	Amosite _____	☒ Fiberglass	Organic Binders _____	Residue _____
	Gravimetric PREP ☐	# of Layers _____	Asbestos ☐ ☒	DS Color _____	Color, Pleo _____	Other _____	Other _____	Vermiculite _____	Carbonate _____
	Gravimetric (NOB) PLM ☐	Color of Layer _____	Detected Yes No	Biref _____	Sign _____			☒ Other <u>dust</u>	Other _____
	Gravimetric (NOB) TEM ☐	Comments: <u>dust sample, qualitative results only</u>							Asbestos _____
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTICAL ELAP (P.C.) & EPA First 4 prep. Asbestos = 0							

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

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

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

CITY_21MC100_010238192

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

NYLAP 101157

ELAP 10874

Microscope OLYMP BH-2

Client / Project

Wanem & Panger / PS 234 m

Project No.

Analysis Date

12/6/01

Analyst

m.w.

Batch No.

3371

1	Field No. 4-05	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 ☐	Homogeneity		RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			Other <i>dust</i>	Other
	Gravimetric (NOB) TEM ☐	Comments: <i>Just sample, qualitative result only</i>				D.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. 5-01	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 ☐	Homogeneity		RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			Other <i>dust</i>	Other
	Gravimetric (NOB) TEM ☐	Comments: <i>S.A.A.</i>				D.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. 5-02	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 ☐	Homogeneity		RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			Other <i>dust</i>	Other
	Gravimetric (NOB) TEM ☐	Comments: <i>S.A.A.</i>				D.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. 5-03	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 ☐	Homogeneity		RI I	RI II	Amosite	Fiberglass	Organic Binders	Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐	DS Color	Color, Pleo	Other	Other	Vermiculite	Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			Other <i>dust</i>	Other
	Gravimetric (NOB) TEM ☐	Comments: <i>S.A.A.</i>				D.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							

CITY_21MC100_010238193

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

HVLP 101187

ELAP 10870

Microscope OLYMP BH-2

Client / Project

Warren Spanger / PS 234 W

Project No.

Analysis Date

12/6/01

Analyst

[Signature]

Batch No.

3371

1	Field No. 5-04	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 _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: S.A. 10 -	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	_____ Mineral Filler _____ Organic Binders ☒ Vermiculite ☒ Other dust	_____ 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		Q.C. ☐					

2	Field No. 5-05	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 _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: S.A. 10 -	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	_____ Mineral Filler _____ Organic Binders ☒ Vermiculite ☒ Other dust	_____ 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		Q.C. ☐					

3	Field No.	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 _____ Texture _____ 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	_____ Cellulose _____ Fiberglass _____ Other	_____ 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 prep. Asbestos = 0		Q.C. ☐					

4	Field No.	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 _____ Texture _____ 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	_____ Cellulose _____ Fiberglass _____ Other	_____ 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 prep. Asbestos = 0		Q.C. ☐					

CITY_21MC100_010238194