



9/11 BULK DUST SAMPLE ANALYSIS

AT

**53 PARK PLACE
NEW YORK, NEW YORK**

PREPARED FOR

**MR. MICHAEL RIEGLER
LIONS HEAD 53 DEVELOPMENT LLC
150 EAST 58th STREET
NEW YORK, NEW YORK 10155**

PREPARED BY

**ENVIRONMENTAL MONITORING & CONSULTING ASSOCIATES
P.O. BOX 872
SOMERVILLE, NEW JERSEY 08876**

732.249.3005

53 Park Place
PLM 80 $\begin{matrix} 8(+)\backslash \\ 72(-) \end{matrix}$
PCM 611 $\begin{matrix} 9(+)\backslash \\ 602(-) \end{matrix}$
TEM 29 $\begin{matrix} 27(+)\backslash \\ 2(-) \end{matrix}$ *duplicate*
PLM
F/n



Environmental Monitoring & Consulting Associates

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**110 CHURCH STREET
NEW YORK, NEW YORK**

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Environmental Monitoring & Consulting Associates

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110 CHURCH STREET
SECTION ONE
PLM BULK ANALYSIS

EMSL Analytical, Inc.

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Project: 53 Park Place

Phone: 732-249-3005

Customer ID: EMCA50
Customer PO:
Received: 10/10/01 2:40 PM
EMSL Order: 050102723
EMSL Project ID:
Analysis Date: 10/10/01

Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos % Type
				% Fibrous	% Non-Fibrous	
53-GF-1 050102723-0001		Gray Fibrous Heterogeneous	Teased	25.00% Glass 35.00% Cellulose	40.00% Non-fibrous (other)	None Detected
53-2-C 050102723-0002		Gray Fibrous Heterogeneous	Teased	70.00% Glass 8.00% Cellulose	22.00% Non-fibrous (other)	None Detected
53-2-H 050102723-0003		Gray Fibrous Heterogeneous	Teased	50.00% Glass 35.00% Cellulose	15.00% Non-fibrous (other)	None Detected
53-3-C 050102723-0004		Gray Fibrous Heterogeneous	Teased	55.00% Glass 30.00% Cellulose	15.00% Non-fibrous (other)	None Detected
53-3-G 050102723-0005		Gray Fibrous Heterogeneous	Teased	45.00% Glass 45.00% Cellulose	10.00% Non-fibrous (other)	<1% Chrysotile
53-3-H 050102723-0006		Gray Fibrous Heterogeneous	Teased	55.00% Glass 35.00% Cellulose	10.00% Non-fibrous (other)	<1% Chrysotile
53-3-I 050102723-0007		Gray Fibrous Heterogeneous	Teased	60.00% Glass 30.00% Cellulose	10.00% Non-fibrous (other)	None Detected
53-3-J 050102723-0008		Gray Fibrous Heterogeneous	Teased	50.00% Glass 40.00% Cellulose	10.00% Non-fibrous (other)	None Detected
53-4-H 050102723-0009		Gray Fibrous Heterogeneous	Teased	50.00% Glass 30.00% Cellulose	20.00% Non-fibrous (other)	None Detected
53-4-J 050102723-0010		Gray Fibrous Heterogeneous	Teased	55.00% Glass 35.00% Cellulose	10.00% Non-fibrous (other)	<1% Chrysotile

Maurice Carchman

Analyst



Adrian Arav
or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government.
Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

PLM Point Count-1

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Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos % Type
				% Fibrous	% Non-Fibrous	
53-5-I 050102723-0011		Gray Fibrous Heterogeneous	Teased	50.00% Glass 40.00% Cellulose	10.00% Non-fibrous (other)	<1% Chrysotile
53-6-F 050102723-0012		Gray Fibrous Heterogeneous	Teased	40.00% Glass 45.00% Cellulose	15.00% Non-fibrous (other)	None Detected
53-6-G 050102723-0013		Gray Fibrous Heterogeneous	Teased	45.00% Glass 35.00% Cellulose	20.00% Non-fibrous (other)	<1% Chrysotile
53-6-I 050102723-0014		Gray Fibrous Heterogeneous	Teased	50.00% Glass 40.00% Cellulose	10.00% Non-fibrous (other)	<1% Chrysotile
53-7-C 050102723-0015		Gray Fibrous Heterogeneous	Teased	50.00% Glass 35.00% Cellulose	15.00% Non-fibrous (other)	None Detected
53-7-D 050102723-0016		Gray Fibrous Heterogeneous	Teased	55.00% Glass 40.00% Cellulose	5.00% Non-fibrous (other)	None Detected
53-7-G 050102723-0017		Gray Fibrous Heterogeneous	Teased	40.00% Glass 50.00% Cellulose	10.00% Non-fibrous (other)	None Detected
53-7-J 050102723-0018		Gray Fibrous Heterogeneous	Teased	35.00% Glass 55.00% Cellulose	10.00% Non-fibrous (other)	None Detected
53-8-B 050102723-0019		Gray Fibrous Heterogeneous	Teased	45.00% Glass 45.00% Cellulose	10.00% Non-fibrous (other)	None Detected
53-8-E 050102723-0020		Gray Fibrous Heterogeneous	Teased	40.00% Glass 35.00% Cellulose	22.10% Non-fibrous (other)	2.90% Chrysotile

Maurice Carchman

Analyst



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or other approved signatory

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Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos % Type
				% Fibrous	% Non-Fibrous	
53-9-B 050102723-0021		Gray Fibrous Heterogeneous	Teased	55.00% Glass 30.00% Cellulose	15.00% Non-fibrous (other)	<1% Chrysotile
53-9-H 050102723-0022		Gray Fibrous Heterogeneous	Teased	60.00% Glass 35.00% Cellulose	5.00% Non-fibrous (other)	None Detected
53-9-I 050102723-0023		Gray Fibrous Heterogeneous	Teased	45.00% Glass 40.00% Cellulose	15.00% Non-fibrous (other)	None Detected
53-11-C 050102723-0024		Gray Fibrous Heterogeneous	Teased	50.00% Glass 40.00% Cellulose	10.00% Non-fibrous (other)	<1% Chrysotile
53-11-G 050102723-0025		Gray Fibrous Heterogeneous	Teased	50.00% Glass 40.00% Cellulose	10.00% Non-fibrous (other)	<1% Chrysotile
53-12-E 050102723-0026		Gray Fibrous Heterogeneous	Teased	50.00% Glass 35.00% Cellulose	15.00% Non-fibrous (other)	None Detected
53-PH-G 050102723-0027		Gray Fibrous Heterogeneous	Teased	55.00% Glass 35.00% Cellulose	10.00% Non-fibrous (other)	None Detected
53-PH-F 050102723-0028		Gray Fibrous Heterogeneous	Teased	55.00% Glass 40.00% Cellulose	5.00% Non-fibrous (other)	None Detected
53-PH-E 050102723-0029		Gray Fibrous Heterogeneous	Teased	40.00% Glass 35.00% Cellulose	25.00% Non-fibrous (other)	None Detected

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Project: 53 Park Place NY NY

Customer ID: EMCA50

Customer PO:

Received: 10/12/01 9:00 AM

EMSL Order: 050102759

EMSL Project ID:

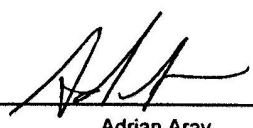
Analysis Date: 10/12/01

Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
53-2B 050102759-0001		Gray/Black Fibrous Heterogeneous	Teased	10.00% Min. Wool 50.00% Cellulose	40.00% Non-fibrous (other)	None Detected
53-2F 050102759-0002		Gray/Black Fibrous Heterogeneous	Teased	10.00% Min. Wool 60.00% Cellulose	30.00% Non-fibrous (other)	None Detected
53-2G 050102759-0003		Gray Fibrous Heterogeneous	Teased	5.00% Min. Wool 70.00% Cellulose	25.00% Non-fibrous (other)	None Detected
53-3A 050102759-0004		Gray Fibrous Heterogeneous	Teased	80.00% Cellulose	18.88% Non-fibrous (other)	1.12% Chrysotile
53-3B 050102759-0005		Gray Fibrous Heterogeneous	Teased	75.00% Cellulose	25.00% Non-fibrous (other)	None Detected
53-3D 050102759-0006		Gray Fibrous Heterogeneous	Teased	70.00% Cellulose	30.00% Non-fibrous (other)	None Detected
53-3E 050102759-0007		Gray Fibrous Heterogeneous	Teased	5.00% Min. Wool 65.00% Cellulose	28.90% Non-fibrous (other)	1.10% Chrysotile
53-3F 050102759-0008		Gray Fibrous Heterogeneous	Teased	60.00% Cellulose	40.00% Non-fibrous (other)	None Detected
53-4A 050102759-0009		Gray Fibrous Heterogeneous	Teased	40.00% Glass 30.00% Cellulose	30.00% Non-fibrous (other)	None Detected
53-4C 050102759-0010		Gray Fibrous Heterogeneous	Teased	60.00% Glass 20.00% Cellulose	20.00% Non-fibrous (other)	<1% Chrysotile

Adrian Arav

Analyst


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Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos % Type
				% Fibrous	% Non-Fibrous	
53-4F 050102759-0011		Gray Non-Fibrous Heterogeneous	Crushed		00.00% Non-fibrous (other)	None Detected
53-4G 050102759-0012		Gray Fibrous Heterogeneous	Crushed	40.00% Glass 30.00% Cellulose	30.00% Non-fibrous (other)	None Detected
53-4I 050102759-0013		Gray Fibrous Heterogeneous	Teased	40.00% Glass 30.00% Cellulose	30.00% Non-fibrous (other)	None Detected
53-4K 050102759-0014		Gray Fibrous Heterogeneous	Teased	40.00% Glass 40.00% Cellulose	20.00% Non-fibrous (other)	None Detected
53-5A 050102759-0015		Gray Fibrous Heterogeneous	Teased	40.00% Glass 30.00% Cellulose	30.00% Non-fibrous (other)	<1% Chrysotile
53-5C 050102759-0016		Gray Fibrous Heterogeneous	Teased	40.00% Glass 40.00% Cellulose	20.00% Non-fibrous (other)	<1% Chrysotile
53-5K 050102759-0017		Gray Fibrous Heterogeneous	Teased	50.00% Glass 30.00% Cellulose	20.00% Non-fibrous (other)	<1% Chrysotile
53-6A 050102759-0018		Gray Fibrous Heterogeneous	Teased	30.00% Glass 40.00% Cellulose	28.96% Non-fibrous (other)	1.04% Chrysotile
53-6B 050102759-0019		Gray Fibrous Heterogeneous	Teased	40.00% Synthetic 30.00% Glass	30.00% Non-fibrous (other)	None Detected
53-6D 050102759-0020		Gray Fibrous Heterogeneous	Teased	40.00% Glass 30.00% Cellulose	27.87% Non-fibrous (other)	2.13% Chrysotile

Adrian Arav

Analyst



Adrian Arav
or other approved signatory

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Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
53-6E 050102759-0021		Gray Fibrous Heterogeneous	Teased	70.00% Glass 10.00% Cellulose	20.00% Non-fibrous (other)	<1% Chrysotile
53-6F 050102759-0022		Gray Fibrous Heterogeneous	Teased	40.00% Glass 30.00% Cellulose	30.00% Non-fibrous (other)	<1% Chrysotile
53-6G 050102759-0023		Gray Fibrous Heterogeneous	Teased	40.00% Glass 30.00% Cellulose	30.00% Non-fibrous (other)	<1% Chrysotile
53-6H 050102759-0024		Gray Fibrous Heterogeneous	Teased	40.00% Glass 40.00% Cellulose	20.00% Non-fibrous (other)	<1% Chrysotile
53-6J 050102759-0025		Gray Fibrous Heterogeneous	Teased	60.00% Glass 20.00% Cellulose	20.00% Non-fibrous (other)	None Detected
53-6K 050102759-0026		Gray Fibrous Heterogeneous	Teased	60.00% Glass 20.00% Cellulose	20.00% Non-fibrous (other)	<1% Chrysotile
52-7A 050102759-0027		Gray Fibrous Heterogeneous	Teased	15.00% Glass 80.00% Cellulose	5.00% Non-fibrous (other)	<1% Chrysotile
52-7B 050102759-0028		Gray Fibrous Heterogeneous	Teased	20.00% Glass 70.00% Cellulose	7.02% Non-fibrous (other)	2.98% Chrysotile
52-7E 050102759-0029		Gray/Black Fibrous Heterogeneous	Teased	10.00% Glass 60.00% Cellulose	30.00% Non-fibrous (other)	None Detected
52-7F 050102759-0030		Gray Fibrous Heterogeneous	Teased	25.00% Glass 50.00% Cellulose	25.00% Non-fibrous (other)	None Detected

Draw Hodgden

Analyst

Adrian Arav
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				% Fibrous	% Non-Fibrous	% Type
52-7H 050102759-0031		Gray Fibrous Heterogeneous	Teased	20.00% Glass 65.00% Cellulose	15.00% Non-fibrous (other)	<1% Chrysotile
52-7I 050102759-0032		Gray Fibrous Heterogeneous	Teased	15.00% Glass 70.00% Cellulose	15.00% Non-fibrous (other)	<1% Chrysotile
52-8F 050102759-0033		Gray Fibrous Heterogeneous	Teased	15.00% Glass 70.00% Cellulose	15.00% Non-fibrous (other)	None Detected
52-8C 050102759-0034		Gray Fibrous Heterogeneous	Teased	10.00% Glass 60.00% Cellulose	30.00% Non-fibrous (other)	None Detected
52-9A 050102759-0035		Gray Fibrous Heterogeneous	Teased	15.00% Min. Wool 10.00% Glass 70.00% Cellulose	5.00% Non-fibrous (other)	<1% Chrysotile
52-9C 050102759-0036		Gray Fibrous Heterogeneous	Teased	10.00% Min. Wool 10.00% Glass 60.00% Cellulose	20.00% Non-fibrous (other)	None Detected
52-9E 050102759-0037		Gray Fibrous Heterogeneous	Teased	15.00% Glass 70.00% Cellulose	15.00% Non-fibrous (other)	None Detected
52-9F 050102759-0038		Gray Fibrous Heterogeneous	Teased	10.00% Min. Wool 25.00% Cellulose	62.74% Non-fibrous (other)	2.26% Chrysotile
52-9G 050102759-0039		Gray Fibrous Heterogeneous	Teased	10.00% Min. Wool 70.00% Cellulose	20.00% Non-fibrous (other)	None Detected

Drew Hodgden

Analyst

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				% Fibrous	% Non-Fibrous	
52-10A 050102759-0040		Gray Fibrous Heterogeneous	Teased	10.00% Min. Wool 15.00% Glass 60.00% Cellulose	15.00% Non-fibrous (other)	<1% Chrysotile
52-10B 050102759-0041		Gray Fibrous Heterogeneous	Teased	10.00% Min. Wool 80.00% Cellulose	10.00% Non-fibrous (other)	None Detected
52-10C 050102759-0042		Gray Fibrous Heterogeneous	Teased	5.00% Cellulose	95.00% Non-fibrous (other)	None Detected
52-10D 050102759-0043		Gray Fibrous Heterogeneous	Teased	10.00% Min. Wool 10.00% Glass 60.00% Cellulose	20.00% Non-fibrous (other)	None Detected
52-10E 050102759-0044		Gray Fibrous Heterogeneous	Teased	10.00% Min. Wool 15.00% Glass 70.00% Cellulose	5.00% Non-fibrous (other)	None Detected
52-10H 050102759-0045		Gray Fibrous Heterogeneous	Teased	60.00% Cellulose	37.52% Non-fibrous (other)	2.48% Chrysotile
52-10I 050102759-0046		Gray Fibrous Heterogeneous	Teased	5.00% Min. Wool 10.00% Glass 60.00% Cellulose	25.00% Non-fibrous (other)	<1% Chrysotile
52-11D 050102759-0047		Gray Fibrous Heterogeneous	Teased	10.00% Min. Wool 10.00% Glass 70.00% Cellulose	10.00% Non-fibrous (other)	<1% Chrysotile
52-11F 050102759-0048		Gray Fibrous Heterogeneous	Teased	15.00% Glass 60.00% Cellulose	25.00% Non-fibrous (other)	<1% Chrysotile

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EMSL Order: 050102759
EMSL Project ID:
Analysis Date: 10/12/01

Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos % Type
				% Fibrous	% Non-Fibrous	
52-111 050102759-0049		Gray Fibrous Heterogeneous	Teased	10.00% Glass 80.00% Cellulose	10.00% Non-fibrous (other)	None Detected
PH-G 050102759-0050		Gray Fibrous Heterogeneous	Teased	10.00% Min. Wool 10.00% Glass 70.00% Cellulose	10.00% Non-fibrous (other)	None Detected
PH-D 050102759-0051		Gray Fibrous Heterogeneous	Teased	15.00% Glass 60.00% Cellulose	25.00% Non-fibrous (other)	None Detected

Revised Report 10/15/01

Drew Hodgden

Analyst


Adrian Arav
or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government.
Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

PLM Point Count-1



EM&CA

Environmental Monitoring & Consulting Associates

P.O. BOX 872 • SOMERVILLE, NJ 08876 • (732) 249-3005 • FAX (732) 249-3384

110 CHURCH STREET
SECTION TWO
TEM DUPLICATE ANALYSIS

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

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EMSL

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(EM & CA)
P.O. Box 872
Somerville, NJ 08876
Fax: (732) 249-3384
Project: 53 Park Place

Phone: 732-249-3005

Customer ID: EMCA50
Customer PO:
Received: 10/09/01 9:00 AM
EMSL Order: 050102705
EMSL Project ID:
Analysis Date: 10/9/01

Asbestos Analysis via Transmission Electron Microscopy, Qualitative

Sample	Location	TEM Result	Notes
53-GF1 050102705-0001		Chrysotile	
53-2C 050102705-0002		Chrysotile	
53-2H 050102705-0003		Chrysotile	
53-3C 050102705-0004		Chrysotile	
53-3G 050102705-0005		Chrysotile	
53-3H 050102705-0006		Chrysotile	
53-3I 050102705-0007		Chrysotile	
53-3J 050102705-0008		Chrysotile	
53-4H 050102705-0009		Chrysotile	
53-4J 050102705-0010		Chrysotile	

Drew Hodgden

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TEM Qual Res-1

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 Project: 53 Park Place

Phone: 732-249-3005

Customer ID: EMCA50
 Customer PO:
 Received: 10/09/01 9:00 AM

EMSL Order: 050102705
 EMSL Project ID:
 Analysis Date: 10/9/01

Asbestos Analysis via Transmission Electron Microscopy, Qualitative

Sample	Location	TEM Result	Notes
53-5I 050102705-0011		Chrysotile	
53-6F 050102705-0012		Chrysotile	
53-6G 050102705-0013		Chrysotile	
53-6I 050102705-0014		Chrysotile	
53-7C 050102705-0015		Chrysotile	
53-7D 050102705-0016		Chrysotile	
53-7G 050102705-0017		Chrysotile	
53-7J 050102705-0018		Chrysotile	
53-8B 050102705-0019		None Detected	
53-8E 050102705-0020		Chrysotile	

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 or other approved signatory

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TEM Qua Res-1

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Project: 53 Park Place

EMSL Order: 050102705
EMSL Project ID:
Analysis Date: 10/9/01

Asbestos Analysis via Transmission Electron Microscopy, Qualitative

Sample	Location	TEM Result	Notes
53-9B 050102705-0021		None Detected	
53-9H 050102705-0022		Chrysotile	
53-9I 050102705-0023		Chrysotile	
53-11C 050102705-0024		Chrysotile	
53-11G 050102705-0025		Chrysotile	
53-12E 050102705-0026		Chrysotile	
53-PH-G 050102705-0027		Chrysotile	
53-PH-F 050102705-0028		Chrysotile	
53-PH-E 050102705-0029		Chrysotile	

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TEM Qual Res-1