

**Environmental Monitoring & Consulting Associates**

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

TO: Mr. Michael Riegler
Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

CERTIFICATE OF ANALYSIS

Airborne Asbestos Analysis
NIOSH Method No. 7400 - Phase Contrast Microscopy

<u>DATE</u>	<u>VOLUME</u>	<u>SAMPLE/LOCATION</u>	<u>FIBERS/CC</u>
9/20/01	2700 L	71-20-001/Second Floor/Public Corridor/East Side	<.003*
9/20/01	2700 L	71-20-002/Second Floor/Public Corridor/West Side	<.003*

*Method Detection Limit = <.003 f/cc

Joel Russell

Joel Russell



SUMMARY OF ENVIRONMENTAL TESTING

AT

**71 BROADWAY
NEW YORK, NEW YORK**

PREPARED FOR

**HIGHLAND DEVELOPMENT LLC
71 BROADWAY
NEW YORK, NEW YORK 10039**

PREPARED BY

**ENVIRONMENTAL MONITORING & CONSULTING ASSOCIATES
POST OFFICE BOX 872
SOMERVILLE, NEW JERSEY 08876**

(732) 249-3005



EM&CA

Environmental Monitoring & Consulting Associates

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SUMMARY OF ENVIRONMENTAL TESTING

AT

**71 BROADWAY
NEW YORK, NEW YORK**

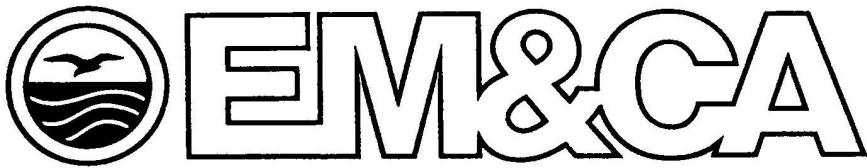
PREPARED FOR

**HIGHLAND DEVELOPMENT LLC
71 BROADWAY
NEW YORK, NEW YORK 10039**

PREPARED BY

**ENVIRONMENTAL MONITORING & CONSULTING ASSOCIATES
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SOMERVILLE, NEW JERSEY 08876**

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February 11, 2002

Mr. E. Alan Waterman
Highland Development LLC
c/o World Wide Holdings Corporation
150 East 58th Street
New York, New York 10155

RE: 71 Broadway

Dear Mr. Waterman:

EM&CA's first post 9/11 inspection was conducted on 20 September 2001.

71 Broadway received a very light dusting. There were no indications of debris in the dust.

Air monitoring conducted on 20 September 2001 (prior to the site cleanup), included airborne Silica, airborne nuisance dust and airborne asbestos analysis, analytical results showed all to be in compliance with applicable regulations.

Subsequently, twice weekly, an airborne asbestos monitoring and inspection program was put into effect due to the dust being generated by the cleanup at ground zero. Aggressive air sampling was initially conducted, it has been discontinued to reduce disturbances to the tenants. Approximately three hundred (300) air samples have been collected and analyzed by Transmission Electron Microscopy (TEM) in accordance with USEPA 40 CFR Part 763 (Final Rule). Asbestos was not detected on the majority of the samples and all were below the USEPA, NYC and NYS clearance criteria of <70 AS/MM². Several of the samples collected from the lobby early on during the testing program were "overloaded" with dust. This is not an indication that the dust contained asbestos. We attributed the overloaded samples to normal activity in the lobby. The building staff was advised to wet mop the lobby on a daily basis and this has ceased to be a concern.

The potable water tanks at 71 Broadway are sealed and were therefore not affected by 9/11 dust. As a precautionary measure, potable water samples were collected and analyzed for the following contaminants:

Volatile Organic Compounds (VOCs)
TCL (Target Compound List)

38 Compounds



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<u>Base Neutrals</u> (BNA or Semi Volatile Compounds) TCL (Target Compound List)	64 Compounds
<u>Pesticides</u> TCL (Target Compound List)	21 Compounds
<u>Polychlorinated Biphenyls</u> (PCB's)	7 Compounds
<u>TAL Metals</u>	23 Metals
<u>Cyanide</u>	

Levels of all of the compounds tested for were found to be in compliance with USEPA Standards for potable water.

EM&CA has, since 9/20, collected and analyzed by TEM approximately two hundred fifty (250) airborne asbestos samples from 71 Broadway, all are considered "passes" with only several "overloads". When "overloads" were encountered, proper steps were taken.

If you have any questions or comments regarding this correspondence, or if I can be of any further assistance, please do not hesitate to contact my office.

Very truly yours,
Environmental Monitoring & Consulting Associates


George Russell
Vice President

GR/bj

cc: File
Attachments



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: SILICA ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK

**Silica Analysis Performed By X-Ray Diffraction (XRD)
Method NIOSH 7500**

Date Collected: September 20, 2001

<u>Sample ID</u>	<u>Particle ID</u>	<u>Volume (L)</u>	<u>Nuisance Dust</u>		<u>Silica Weight (mg)</u>	<u>Airborne Silica</u>		<u>Analytical Sensitivity (mg/m³)</u>
			<u>Sample Weight (mg)</u>	<u>Sample Conc. (mg/m³)</u>		<u>Silica Conc. (mg/m³)</u>	<u>% Silica</u>	
Sample #71-2 Corridor	Quartz	2100	.099	0.458	.1954	0.0922	20.2	0.0096

Joel Russell

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TO: Mr. Michael Riegler
 Highland Development LLC
 71 Broadway
 New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
 MONITORING

CERTIFICATE OF ANALYSIS

Airborne Asbestos Analysis
 NIOSH Method No. 7400 - Phase Contrast Microscopy

<u>DATE</u>	<u>VOLUME</u>	<u>SAMPLE/LOCATION</u>	<u>FIBERS/CC</u>
9/20/01	2700 L	71-20-001/Second Floor/Public Corridor/East Side	<.003*
9/20/01	2700 L	71-20-002/Second Floor/Public Corridor/West Side	<.003*

*Method Detection Limit = <.003 f/cc

Joel Russell

Joel Russell



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TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK

CERTIFICATE OF ANALYSIS

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

Date Collected: September 27, 2001

SAMPLE ID	VOLUME	AREA ANALYZED	NON ASB	ASBESTOS TYPE(S)	# STRUCTURE 0.5μ-5 5μ	ANALYTICAL SENSITIVITY (S/cc)	ASBESTOS CONCENTRATION	
							(S/mm ²)	(S/cc)
Sample #71-10G Apartment 10G	1440 L	0.0625	0	None Detected	N/A	0.0043	<16.00	<0.0043
Sample #71-10K Apartment 10K	1440 L	0.0625	0	None Detected	N/A	0.0043	<16.00	<0.0043
Sample #71-19I Apartment 19I	1440 L	0.0625	0	None Detected	N/A	0.0043	<16.00	<0.0043
Sample #71-20C Apartment 20C	1440 L	0.0625	0	None Detected	N/A	0.0043	<16.00	<0.0043
Sample #71-10H Apartment 10H	1440 L	0.0625	0	None Detected	N/A	0.0043	<16.00	<0.0043

Analytical Procedures Used Meet Or Exceed The AHERA "Transmission Electron Microscopy Analytical Methods"
Protocol Described In 40 CFR Part 763 Final Rule

Clearance Criteria = <70 Structures AS/mm²

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New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
9/28/01	71-28-001/Twenty-First Floor/ Public Corridor/Between Mens' And Womens' Restrooms
9/28/01	71-28-002/Nineteenth Floor/ Public Corridor/Near Room #19G
9/28/01	71-28-003/Seventeenth Floor/ Public Corridor/Near Entrance To Room #17F
9/28/01	71-28-004/Fifteenth Floor/ Public Corridor/Between Room #15G And Stairwell A
9/28/01	71-28-005/Ground Floor/Fan Room
9/28/01	71-28-006/Thirteenth Floor/ 5 Feet North Of Elevator F



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New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
9/28/01	71-28-007/Eleventh Floor/ Public Corridor/5 Feet East Of Stairwell B
9/28/01	71-28-008/Ninth Floor/ Public Corridor/5 Feet North Of Elevator L
9/28/01	71-28-009/Seventh Floor/ Public Corridor/Between Rooms #7E And #7F
9/28/01	71-28-010/Fifth Floor/ Public Corridor/Between Rooms #5A And #5B
9/28/01	71-28-011/Third Floor/ Public Corridor/5 Feet From Entrance To Ele- vator F
9/28/01	71-28-012/First Floor/ Main Lobby/Security Desk

EMSL Analytical, Inc.

1056 Steffon Road, Piscataway, NJ 08854

Phone: 732-981-0650 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 10/02/01 9:00 AM

EMSL Order: 050102624

EMSL Project ID:

Analysis Date: 10/2/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ-5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
71-001 050102624-0001	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-002 050102624-0002	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-003 050102624-0003	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-004 050102624-0004	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-005 050102624-0005	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-006 050102624-0006	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-007 050102624-0007	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-008 050102624-0008	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-009 050102624-0009	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-010 050102624-0010	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-011 050102624-0011	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	

Adrian Arav

Analyst



Adrian Arav
or other approved signatory

Disclaimers: The laboratory is not responsible for data reported in structures/on, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analyst accuracy and precision) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

1

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384
Project: 71 Broadway

Phone: 732-249-3005

Customer ID: EMCA50

Customer PO:

Received: 10/02/01 9:00 AM

EMSL Order: 050102624

EMSL Project ID:

Analysis Date: 10/2/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ-5 µm	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³) (S/cc)	Notes
012 0502624-0012	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	

Filter pore size 0.8 microns.

Adrian Arav

Analyst

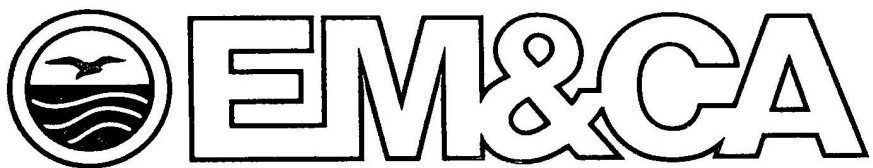


Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101046-2, Connecticut DOH PH-0286 Approved Env. Lab)

TEMAHERA-1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

DATE

SAMPLE/LOCATION

10/2/01

71-2-007/Ninth Floor/Room
#9A/Kitchen

10/2/01

71-2-010/Fourteenth Floor/
Room #14D/Living Room/
Rector Street Side

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0551 Email:

EMSL

Attn: Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 10/05/01 12:31 PM

EMSL Order: 050102701

EMSL Project ID:

Analysis Date: 10/5/01

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
71-2-007 050102701-0001	1500.00	0.0625	10	Chrysotile	1	0	0.0041	16 0.0041
71-2-010 050102701-0002	1500.00	0.0625	0	None Detected		0.0041	<16.00 <0.0041	

Filter Pore Size: 0.8 micron; Revised Report 10/8/01

Adrian Arav

Analyst


Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1



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TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
10/10/01	71-10-007/First Floor/Lobby/ Near Mailbox
10/10/01	71-10-008/Fifth Floor/Public Corridor/Elevator Bank F
10/10/01	71-10-009/Ninth Floor/Public Corridor/Adjacent To Room #9E
10/10/01	71-10-010/Thirteenth Floor/ Public Corridor/5 Feet West Of Stairwell B
10/10/01	71-10-011/Seventeenth Floor/ Public Corridor/Adjacent To Room #17D
10/10/01	71-10-012/Twenty-Second Floor/ Public Corridor/Adjacent To Room #22G

10/12/2001 14:01 7329810551

EMSL ANALYTICAL

PAGE 02

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384
Project: 71 Broadway, Manhattan

Phone: 732-249-3005

Customer ID: EMCA50

Customer PO:

Received: 10/12/01 9:00 AM

EMSL Order: 050102756

EMSL Project ID:

Analysis Date: 10/12/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
07 50102755-0001	1800.00			Overloaded				
08 50102755-0002	1440.00	0.0625	0	Chrysotile	1	0	0.0043	16 0.0043
09 50102755-0003	1200.00	0.0760	2	None Detected		0.0043	<13.33 <0.0043	
10 50102755-0004	1200.00	0.0760	3	None Detected		0.0043	<13.33 <0.0043	
11 50102755-0005	1440.00	0.0625	4	Chrysotile	1	0	0.0043	16 0.0043
12 50102755-0006	1200.00	0.0760	8	Chrysotile	1	0	0.0043	13.33 0.0043

Filter pore size 0.80 micron.

Draw Hodgden

Analyst



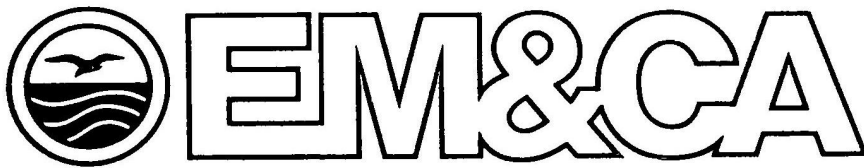
Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #1423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
10/16/01	71-16-001/First Floor/Lobby/ Near Fire Hose
10/16/01	71-16-002/Fourth Floor/Public Corridor/Adjacent To Room #4F
10/16/01	71-16-003/Tenth Floor/Public Corridor/Adjacent To Room #10E
10/16/01	71-16-004/Fifteenth Floor/ Public Corridor/Elevator Bank F
10/16/01	71-16-005/Eighteenth Floor/ Public Corridor/Adjacent To Room #18F

10/18/2001 16:54 7329810551

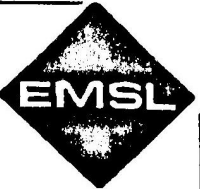
EMSL ANALYTICAL

PAGE 02

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0661 Email:



Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384
Project: 71 Broadway, Manhattan

Phone: 732-249-3005

Customer ID: EMCA50
Customer PO:
Received: 10/17/01 5:30 PM
EMSL Order: 050102871
EMSL Project ID:
Analysis Date: 10/18/01

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²)	(S/cc)	Notes
001 050102871-0001	1440.00		0	Overloaded					
002 050102871-0002	1440.00	0.0625	0	None Detected		0.0043	<16.00	<0.0043	
003 050102871-0003	1800.00	0.0500	0	None Detected		0.0043	<20.00	<0.0043	
004 050102871-0004	1620.00	0.0500	3	None Detected		0.0048	<20.00	<0.0048	
005 050102871-0005	1440.00	0.0625	0	None Detected		0.0043	<16.00	<0.0043	

Filter Pore Size: 0.80 micron

Adrian Arav

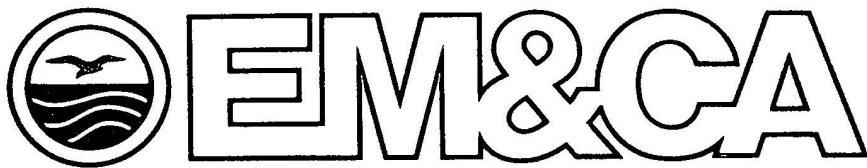
Analyst


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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0268 Approved Env. Lab)

TEMAHERA-1

1



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TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
10/24/01	71-24-001/First Floor/Lobby
10/24/01	71-24-002/Third Floor/Public Corridor/Elevator Bank F
10/24/01	71-24-003/Thirteenth Floor/ Public Corridor/Elevator Bank F
10/24/01	71-24-004/Nineteenth Floor/ Public Corridor/Between Apart- ments #19E and #19F
10/24/01	71-24-005/Eighth Floor/Public Corridor/Adjacent To Apartment #8G

10/29/2001 08:58 7329810551

EMSL ANALYTICAL

PAGE 02/03

EMSL Analytical, Inc.

1058 Stetson Road, Piscataway, NJ 08854

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EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
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Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 10/26/01 6:10 PM

EMSL Order: 050103067

EMSL Project ID:

Analysis Date: 10/27/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²)	(S/cc)	Notes
71-001 050103067-0001	1440.00	0.0625	2	None Detected		0.0043	<16.00	<0.0043	
71-002 050103067-0002	1440.00	0.0625	5	None Detected		0.0043	<16.00	<0.0043	
71-003 050103067-0003	1440.00	0.0625	0	None Detected		0.0043	<16.00	<0.0043	
71-004 050103067-0004	1440.00	0.0625	2	None Detected		0.0043	<16.00	<0.0043	
71-005 050103067-0005	1440.00	0.0625	1	None Detected		0.0043	<16.00	<0.0043	

Filter pore size 0.80 micron.

Drew Hodgden

Analyst



Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts accuracy and precision) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
10/30/01	71-30-001/Second Floor/Public Corridor/Elevator Bank L
10/30/01	71-30-002/Fifth Floor/Public Corridor/Elevator Bank L
10/30/01	71-30-003/Seventh Floor/Public Corridor/Adjacent To Apartment #7F
10/30/01	71-30-004/Tenth Floor/Public Corridor/Adjacent To Apart- ment #10G
10/30/01	71-30-005/Twelfth Floor/Public Corridor/Adjacent To Apartment #12F



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
10/30/01	71-30-006/Twenty-First Floor/ Public Corridor/Adjacent To Electric Meter Room
10/30/01	71-30-007/Nineteenth Floor/ Public Corridor/Adjacent To Apartment #19E
10/30/01	71-30-008/Sixteenth Floor/ Public Corridor/Adjacent To Apartment #16G
10/30/01	71-30-009/Thirteenth Floor/ Public Corridor
10/30/01	71-30-010/First Floor/Lobby

EMSL Analytical, Inc.

1058 Stelton Road, Piscataway, NJ 08864

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EMSL

Attn: George Russell
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Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 10/31/01 5:30 PM

EMSL Order: 050103159

EMSL Project ID:

Analysis Date: 11/2/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
71-001 050103159-0001	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-002 050103159-0002	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-003 050103159-0003	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-004 050103159-0004	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-005 050103159-0005	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-006 050103159-0006	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-007 050103159-0007	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-008 050103159-0008	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-009 050103159-0009	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71-010 050103159-0010	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	

Filter Pore Size 0.8 Microns.

Adrian Arav

Analyst

Adrian Arav
Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/oo, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory end analysts' accuracy and precision) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101045-2, Connecticut DOH PH-0286 Approved Env. Lab)

TEMAHERA-1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/1/01	71-1-001/Second Floor/ Apartment #2A
11/1/01	71-1-002/First Floor/ Lobby
11/1/01	71-1-003/Eleventh Floor/ Elevator Bank F
11/1/01	71-1-004/Eighteenth Floor/ Public Corridor/15 Feet South Of Stairwell A
11/1/01	71-1-005/Twenty-Second Floor/Public Corridor/5 Feet South Of Stairwell C

EMSL Analytical, Inc.

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EMSL

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Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 11/03/01 10:56 AM

EMSL Order: 050103198

EMSL Project ID:

Analysis Date: 11/5/01

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
71001 050103198-0001	1440.00	0.0625	1	None Detected		0.0043	<16.00 <0.0043	
71002 050103198-0002	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71003 050103198-0003	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
71004 050103198-0004	1440.00	0.0625	5	None Detected		0.0043	<16.00 <0.0043	
71005 050103198-0005	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	

Filter Pore Size 0.8 Microns



Drew Hodgden

Analyst

Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/6/01	71-6-001/First Floor/ Lobby
11/6/01	71-6-002/Fourth Floor/ Public Corridor/5 Feet From Stairwell A
11/6/01	71-6-003/Eighth Floor/ Elevator Bank L
11/6/01	71-6-004/Eleventh Floor/ Public Corridor/5 Feet From Telephone Closet
11/6/01	71-6-005/Thirteenth Floor/ Public Corridor/Adjacent To Electric Meter Room



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/6/01	71-6-006/Fourteenth Floor/ Public Corridor/Adjacent To Stairwell A
11/6/01	71-6-007/Fifteenth Floor/ Public Corridor/Adjacent To Apartment #15G
11/6/01	71-6-008/Seventeenth Floor/ Between Apartments #17F And #17G
11/6/01	71-6-009/Nineteenth Floor/ Public Corridor/Adjacent To Stairwell A
11/6/01	71-6-010/Twentieth Floor/ Public Corridor/Elevator Bank F

11/11/2001 19:10 7329810551

EMSL ANALYTICAL

PAGE 05

EMSL Analytical, Inc.

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Attn: George Russell
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(EM & CA)
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Somerville, NJ 08876
Fax: (732) 249-3384 Phone: 732-249-3005
Project: 71 Broadway

Customer ID: EMCA50
Customer PO:
Received: 11/08/01 5:30 PM
EMSL Order: 050103321
EMSL Project ID:
Analysis Date: 11/11/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
106001 50103321-0001	1440.00	0.0625	1	None Detected		0.0043	<16.00 <0.0043	
106002 50103321-0002	1440.00	0.0625	4	None Detected		0.0043	<16.00 <0.0043	
106003 50103321-0003	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
106004 50103321-0004	1440.00	0.0625	12	None Detected		0.0043	<16.00 <0.0043	
106005 50103321-0005	1440.00	0.0625	1	None Detected		0.0043	<16.00 <0.0043	
106006 50103321-0006	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	
106007 50103321-0007	1440.00	0.0625	2	None Detected		0.0043	<16.00 <0.0043	
106008 50103321-0008	1440.00	0.0625	3	None Detected		0.0043	<16.00 <0.0043	
7106009 50103321-0009	1440.00	0.0625	1	None Detected		0.0043	<16.00 <0.0043	
7106010 50103321-0010	1440.00	0.0625	0	None Detected		0.0043	<16.00 <0.0043	

Filter Pore Size 0.80 Micron.

Drew Hodgden
Analyst

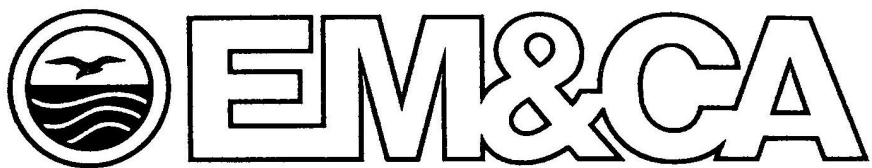

Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Analysis performed by EMSL, Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/8/01	71-8-001/First Floor/ Lobby
11/8/01	71-8-002/Second Floor/ Public Corridor/Elevator Bank F
11/8/01	71-8-003/Eighth Floor/ Public Corridor/Adjacent To Apartment #8G
11/8/01	71-8-004/Eleventh Floor/ Public Corridor/Elevator Bank F



Environmental Monitoring & Consulting Associates

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TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/8/01	71-8-005/Fourteenth Floor/ Public Corridor/Between Apartments #14F And #14G
11/8/01	71-8-006/Seventeenth Floor/ Public Corridor/Elevator Bank F
11/8/01	71-8-007/Nineteenth Floor/ Public Corridor/Adjacent To Stairwell A
11/8/01	71-8-008/Twenty-Second Floor/Public Corridor/ Elevator Bank F

EMSL Analytical, Inc.

1058 Stelton Road, Piscataway, NJ 08854

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EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
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Somerville, NJ 08876
Fax: (732) 249-3384
Project: 71 Broadway

Phone: 732-249-3005

Customer ID: EMCA50
Customer PO:
Received: 11/09/01 5:30 PM
EMSL Order: 050103345
EMSL Project ID:
Analysis Date: 11/12/01

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
718001 050103345-0001	1600.00	0.0625	3	Chrysotile	1 0	0.0039	16 0.0039	
718002 050103345-0002	1600.00	0.0625	8	None Detected		0.0039	<16.00 <0.0039	
718003 050103345-0003	1600.00	0.0625	3	None Detected		0.0039	<16.00 <0.0039	
718004 050103345-0004	1600.00	0.0625	1	None Detected		0.0039	<16.00 <0.0039	
718005 050103345-0005	1600.00	0.0625	5	None Detected		0.0039	<16.00 <0.0039	
718006 050103345-0006	1600.00	0.0625	3	None Detected		0.0039	<16.00 <0.0039	
718007 050103345-0007	1600.00	0.0625	5	None Detected		0.0039	<16.00 <0.0039	
718008 050103345-0008	1600.00	0.0625	9	None Detected		0.0039	<16.00 <0.0039	

Ed Cahill

Analyst



Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/13/01	71-13-001/Twenty-First Floor/ Public Corridor/Between Storage Room A And Storage Room B
11/13/01	71-13-002/Nineteenth Floor/ Public Corridor/Adjacent To Stairwell A
11/13/01	71-13-003/Seventeenth Floor/ Public Corridor/10 Feet North Of Stairwell B
11/13/01	71-13-004/Fifteenth Floor/ Public Corridor/Adjacent To Apartment #15G
11/13/01	71-13-005/Twelfth Floor/ Public Corridor/Adjacent To Apartment #15G



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/13/01	71-13-006/Eleventh Floor/ Public Corridor/10 Feet North Of Stairwell B
11/13/01	71-13-007/Ninth Floor/ Public Corridor/Elevator Bank F
11/13/01	71-13-008/Seventh Floor/ Public Corridor/5 Feet From Telephone Closet Room
11/13/01	71-13-009/Fourth Floor/ Public Corridor/Elevator Bank F
11/13/01	71-13-010/First Floor/ Public Corridor/Lobby

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

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EMSL

Attn: George Russell
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Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 11/15/01 9:00 AM

EMSL Order: 050103423

EMSL Project ID:

Analysis Date: 11/16/01

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
71-13-001 0103423-0001	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-13-002 050103423-0002	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-13-003 050103423-0003	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-13-004 0103423-0004	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-13-005 0103423-0005	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-13-006 050103423-0006	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-13-007 050103423-0007	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-13-008 050103423-0008	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-13-009 050103423-0009	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-13-010 050103423-0010	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	

Scott Combs

Analyst



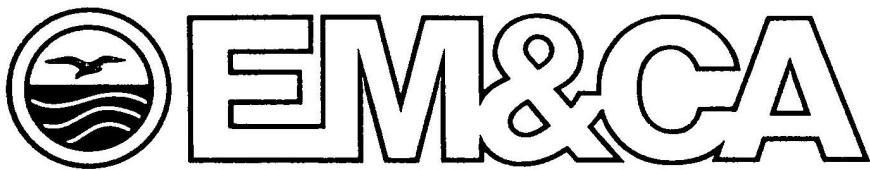
Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/15/01	71-15-001/First Floor/ Lobby
11/15/01	71-15-002/Second Floor/ Public Corridor/Adjacent To Stairwell A
11/15/01	71-15-003/Sixth Floor/ Public Corridor/Adjacent To Telephone Closet Room
11/15/01	71-15-004/Eighth Floor/ Public Corridor/Adjacent To Apartment #8G
11/15/01	71-15-005/Twelfth Floor/ Public Corridor/10 Feet From Apartment #12H



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/15/01	71-15-006/Fourteenth Floor/ Public Corridor/Adjacent To Stairwell B
11/15/01	71-15-007/Sixteenth Floor/ Public Corridor/Between Apartments #16F And #16G
11/15/01	71-15-008/Nineteenth Floor/ Public Corridor/15 Feet West Of Apartment #19A
11/15/01	71-15-009/Twentieth Floor/ Public Corridor/Elevator Bank F
11/15/01	71-15-010/Twenty-Second Floor/Public Corridor/Ele- vator Bank F

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384
Project: 71 Broadway NY

Phone: 732-249-3005

Customer ID: EMCA50
Customer PO:
Received: 11/19/01 5:45 PM

EMSL Order: 050103551
EMSL Project ID:
Analysis Date: 11/21/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5 µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
001 050103551-0001	1200.00		0	Overloaded				
002 050103551-0002	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
003 050103551-0003	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
004 050103551-0004	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
005 050103551-0005	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
006 050103551-0006	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
007 050103551-0007	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
008 050103551-0008	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
009 050103551-0009	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
010 050103551-0010	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	

Filter pore size: 0.8 microns

Adrian Arav
Analyst

Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NMLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Analysis performed by EMSL, Piscataway (NY State ELAP #11423, NMLAP #101048-2, Connecticut DOH PH-0268 Approved Env. Lab)

TEMAHERA-1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/20/01	71-20-001/Twenty-Second Floor/ Public Corridor/Near Elevator
11/20/01	71-20-002/Twenty-First Floor/ Public Corridor/Near Elevator
11/20/01	71-20-003/Twentieth Floor/ Public Corridor/Near Elevator
11/20/01	71-20-004/Nineteenth Floor/ Public Corridor/Near Elevator
11/20/01	71-20-005/Eighteenth Floor/ Public Corridor/Near Elevator
11/20/01	71-20-006/Seventeenth Floor/ Public Corridor/Near Elevator



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/20/01	71-20-007/Sixteenth Floor/ Public Corridor/Near Elevator
11/20/01	71-20-008/Fifteenth Floor/ Public Corridor/Near Elevator
11/20/01	71-20-009/Fourteenth Floor/ Public Corridor/Near Elevator
11/20/01	71-20-010/Thirteenth Floor/ Public Corridor/Near Elevator
11/20/01	71-20-011/Twelfth Floor/ Public Corridor/Near Elevator
11/20/01	71-20-012/Eleventh Floor/ Public Corridor/Near Elevator

1/29/2001 18:15 7329810551

EMSL ANALYTICAL

PAGE 01

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0551 Email:



Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
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Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 11/27/01 6:15 PM

EMSL Order: 050103641

EMSL Project ID:

Analysis Date: 11/29/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/min) ² (S/cc)	Notes
1-20-001 50103641-0001	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
1-20-002 50103641-0002	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
1-20-003 50103641-0003	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
1-20-004 50103641-0004	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
1-20-005 50103641-0005	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
1-20-006 50103641-0006	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
1-20-007 50103641-0007	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
1-20-008 50103641-0008	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-20-009 250103641-0009	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-20-010 250103641-0010	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-20-011 250103641-0011	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	

Adrian Arav (12)

Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/so, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/min². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0288 Approved Env. Lab)

TEMAHERA-1

1

1/29/2001 18:15 7329810551

EMSL ANALYTICAL

PAGE 02

EMSL Analytical, Inc.

1056 Stelfox Road, Piscataway, NJ 08864

Phone: 732-981-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
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Fax: (732) 249-3384 Phone: 732-249-3005
Project: 71 Broadway

Customer ID: EMCA50
Customer PO:
Received: 11/27/01 6:15 PM
EMSL Order: 050103641
EMSL Project ID:
Analysis Date: 11/29/01

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
							(S/mm ²)	(S/cc)	
71-20-012	1200.00	0.0750	0	None Detected		0.0043	<13.33	<0.0043	
156-3641-0012									


Adrian Arav (12)
Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

2



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/24/01	71-24-013/Tenth Floor/ Public Corridor/Near Elevator
11/24/01	71-24-014/Ninth Floor/ Public Corridor/Near Elevator
11/24/01	71-24-015/Eighth Floor/ Public Corridor/Near Elevator
11/24/01	71-24-016/Seventh Floor/ Public Corridor/Near Elevator
11/24/01	71-24-017/Sixth Floor/ Public Corridor/Near Elevator



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/24/01	71-24-018/Fifth Floor/ Public Corridor/Near Elevator
11/24/01	71-24-019/Fourth Floor/ Public Corridor/Near Elevator
11/24/01	71-24-020/Third Floor/ Public Corridor/Near Elevator
11/24/01	71-24-021/Second Floor/ Public Corridor/Near Elevator
11/24/01	71-24-022/First Floor/ Lobby/Near Second Elevator

11/29/2001 18:49 7329810551

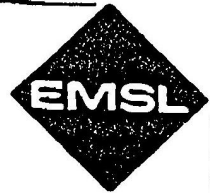
EMSL ANALYTICAL

PAGE 01

EMSL Analytical, Inc.

1056 Stetson Road, Piscataway, NJ 08854

Phone: 732-981-0660 Fax: 732-981-0551 Email:



Attn: George Russell
Environmental Monitoring & Consulting
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Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 11/27/01 8:15 PM

EMSL Order: 050103642

EMSL Project ID:

Analysis Date: 11/29/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³) (S/cc)	Notes
1-24-013 50103642-0001	1260.00	0.0625	0	None Detected		0.0049	<16.00 <0.0049	
1-24-014 50103642-0002	1260.00	0.0625	0	None Detected		0.0049	<16.00 <0.0049	
1-24-015 50103642-0003	1260.00	0.0625	0	None Detected		0.0049	<16.00 <0.0049	
1-24-016 50103642-0004	1260.00	0.0625	0	None Detected		0.0049	<16.00 <0.0049	
1-24-017 50103642-0005	1260.00	0.0625	0	None Detected		0.0049	<16.00 <0.0049	
1-24-018 50103642-0006	1260.00	0.0625	0	None Detected		0.0049	<16.00 <0.0049	
1-24-019 50103642-0007	1260.00	0.0625	0	None Detected		0.0049	<16.00 <0.0049	
1-24-020 50103642-0008	1260.00	0.0625	0	None Detected		0.0049	<16.00 <0.0049	
1-24-021 50103642-0009	1260.00	0.0625	0	None Detected		0.0049	<16.00 <0.0049	
1-24-022 50103642-0010	1260.00	0.0625	0	None Detected		0.0049	<16.00 <0.0049	

Filter pore size: 0.8 microns

Adrian Arav (10)

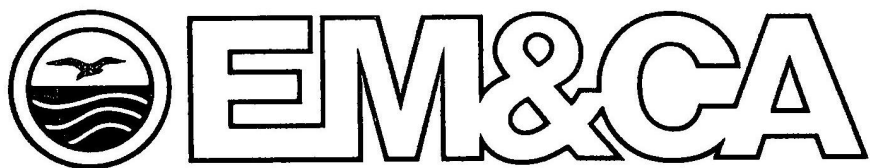
Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm³. This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/27/01	71-27-001/First Floor/ Public Corridor/Near Elevator
11/27/01	71-27-002/Fifth Floor/ Public Corridor/Near Elevator
11/27/01	71-27-003/Ninth Floor/ Public Corridor/Near Elevator
11/27/01	71-27-004/Thirteenth Floor/ Public Corridor/Near Ele- vator
11/27/01	71-27-005/Sixteenth Floor/ Public Corridor/Near Ele- vator
11/27/01	71-27-006/Twentieth Floor/ Public Corridor/Near El- vator

12/10/2001 04:57 7329810551

EMSL ANALYTICAL

PAGE 01

EMSL Analytical, Inc.

1056 Stetson Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384
Project: 71 Broadway

Phone: 732-249-3005

Customer ID: EMCA50
Customer PO:
Received: 12/07/01 8:00 AM

EMSL Order: 050103777
EMSL Project ID:
Analysis Date: 12/9/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³) (S/cc)	Notes
71-27-001 050103777-0001	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-27-002 050103777-0002	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-27-003 050103777-0003	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-27-004 050103777-0004	960.00	0.0875	0	None Detected		0.0046	<11.43 <0.0046	Volume is below recommended limit for method.
71-27-005 050103777-0005	960.00	0.0875	0	None Detected		0.0046	<11.43 <0.0046	Volume is below recommended limit for method.
71-27-006 050103777-0006	960.00	0.0875	0	None Detected		0.0046	<11.43 <0.0046	Volume is below recommended limit for method.

Adrian Arav (6)

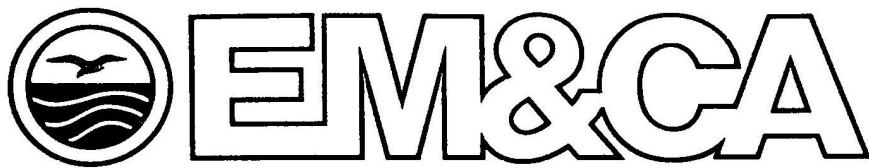
Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm³. This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to obtain product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
11/29/01	71-29-007/Third Floor/ Public Corridor/Near Elevator
11/29/01	71-29-008/Sixth Floor/ Public Corridor/Near Elevator
11/29/01	71-29-009/Ninth Floor/ Public Corridor/Near Elevator
11/29/01	71-29-010/Eleventh Floor/ Public Corridor/Near Ele- vator
11/29/01	71-29-011/Fifteenth Floor/ Public Corridor/Near Ele- vator
11/29/01	71-29-012/Nineteenth Floor/ Public Corridor/Near Eleva- tor

2/10/2001 04:57 7329810551

EMSL ANALYTICAL

PAGE 06

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

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EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
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Fax: (732) 249-3384
Project: 71 Broadway

Phone: 732-249-3005

Customer ID: EMCA50
Customer PO:
Received: 12/07/01 8:00 AM

EMSL Order: 050103775
EMSL Project ID:
Analysis Date: 12/9/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
71-29-007 050103775-0001	1200.00	0.0750	14	None Detected		0.0043	<13.33 <0.0043	
71-29-008 050103775-0002	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-29-009 050103775-0003	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-29-010 050103775-0004	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-29-011 050103775-0005	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-29-012 050103775-0006	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	


 Adrian Arav (6)


 Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependant on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101045-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC.
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
12/3/01	71-3-013/Fourth Floor/ Public Corridor/Near Elevator
12/3/01	71-3-014/Eighth Floor/ Public Corridor/Near Elevator
12/3/01	71-3-015/Twelfth Floor/ Public Corridor/Near Elevator
12/3/01	71-3-016/Sixteenth Floor/ Public Corridor/Near Ele- vator
12/3/01	71-3-017/Eighteenth Floor/ Public Corridor/Near Ele- vator
12/3/01	71-3-018/Twenty-Second Floor/Public Corridor/Near Elevator

2/10/2001 04:57 7329810551

EMSL ANALYTICAL

PAGE 08

EMSL Analytical, Inc.

1056 Steffon Road, Piscataway, NJ 08854

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EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876
Fax: (732) 249-3384
Project: 71 Broadway

Phone: 732-249-3005

Customer ID: EMCA50
Customer PO:
Received: 12/07/01 8:00 AM
EMSL Order: 050103774
EMSL Project ID:
Analysis Date: 12/9/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
71-3-013 050103774-0001	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-3-014 050103774-0002	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-3-015 050103774-0003	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-3-016 050103774-0004	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-3-017 050103774-0005	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-3-018 050103774-0006	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	


 Adrian Arav (6)


 Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0286 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
12/6/01	71-6-001/Fifth Floor/ Public Corridor/Near Elevator
12/6/01	71-6-002/Eighth Floor/ Public Corridor/Near Elevator
12/6/01	71-6-003/Eleventh Floor/ Public Corridor/Near Elevator
12/6/01	71-6-004/Fourteenth Floor/ Public Corridor/Near Ele- vator
12/6/01	71-6-005/Eighteenth Floor/ Public Corridor/Near Ele- vator
12/6/01	71-6-006/First Floor/ Lobby/Near Elevator

EMSL Analytical, Inc.

1056 Stalton Road, Piscataway, NJ 08854

Phone: 732-881-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 12/17/01 6:15 PM

EMSL Order: 050103952

EMSL Project ID:

Analysis Date: 12/19/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³) (S/cc)	Notes
71-06-001 750103952-0001	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-06-002 750103952-0002	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-06-003 750103952-0003	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-06-004 750103952-0004	1500.00	0.0625	0	None Detected		0.0041	<16.00 <0.0041	
71-06-005 750103952-0005	1500.00	0.0625	0	None Detected		0.0041	<16.00 <0.0041	
71-06-006 750103952-0006	1500.00	0.0625	0	None Detected		0.0041	<16.00 <0.0041	



Adrian Arav (S)

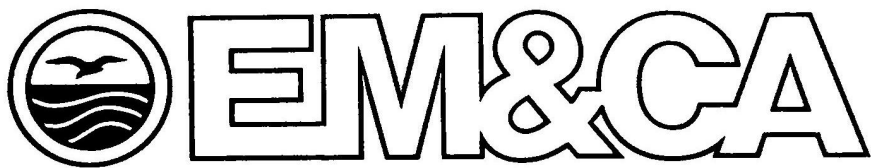

Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NMLAP #101048-2, Connecticut DOH PH-0286 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
12/11/01	71-11-001/First Floor/ Public Corridor/Near Elevator
12/11/01	71-11-002/Third Floor/ Public Corridor/Near Elevator
12/11/01	71-11-003/Sixth Floor/ Public Corridor/Near Elevator
12/11/01	71-11-004/Ninth Floor/ Public Corridor/Near Ele- vator
12/11/01	71-11-005/Eleventh Floor/ Public Corridor/Near Ele- vator
12/11/01	71-11-006/Thirteenth Floor/ Public Corridor /Near Elevator

EMSL Analytical, Inc.

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EMSL

Attn: George Russell
Environmental Monitoring & Consulting
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Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 12/17/01 6:15 PM

EMSL Order: 050103954

EMSL Project ID:

Analysis Date: 12/19/01

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
77-11-001 0103954-0001	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
77-11-002 050103954-0002	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
77-11-003 050103954-0003	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
77-11-004 0103954-0004	1500.00	0.0625	0	None Detected		0.0041	<16.00 <0.0041	
77-11-005 0103954-0005	1500.00	0.0625	0	None Detected		0.0041	<16.00 <0.0041	
77-11-006 050103954-0006	1500.00	0.0625	0	None Detected		0.0041	<16.00 <0.0041	

Filter Pore Size 0.8 Microns



Adrian Arav (6)


Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/co, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/m². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 85% confidence limits and laboratory and analyst accuracy and precision) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0256 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
12/13/01	71-13-001/First Floor/ Public Corridor/Near Elevator
12/13/01	71-13-002/Fourth Floor/ Public Corridor/Near Elevator
12/13/01	71-13-003/Seventh Floor/ Public Corridor/Near Elevator
12/13/01	71-13-004/Tenth Floor/ Public Corridor/Near Ele- vator
12/13/01	71-13-005/Fourteenth Floor/ Public Corridor/Near Ele- vator
12/13/01	71-13-006/Eighteenth Floor/ Public Corridor /Near Elevator

12/22/2001 15:05 7329810551

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PAGE 09

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

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Attn: George Russell
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Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 12/19/01 5:20 PM

EMSL Order: 050103970

EMSL Project ID:

Analysis Date: 12/21/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³) (S/cc)	Notes
71-13-001 050103970-0001	1680.00	0.0625	4	None Detected		0.0037	<16.00 <0.0037	
71-13-002 050103970-0002	1680.00	0.0625	1	None Detected		0.0037	<16.00 <0.0037	
71-13-003 050103970-0003	1680.00	0.0625	0	None Detected		0.0037	<16.00 <0.0037	
71-13-004 050103970-0004	1800.00	0.0625	0	None Detected		0.0034	<16.00 <0.0034	
71-13-005 050103970-0005	1800.00			Overloaded				Asbestos Present
71-13-006 050103970-0006	1800.00	0.0500	4	None Detected		0.0043	<20.00 <0.0043	

Filter pore size: 0.8 microns

Ed Cahill (6)

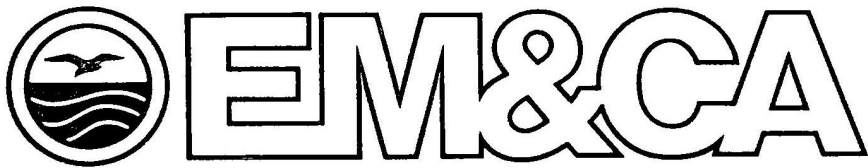
Adrian Arav
or other approved signatory

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Analysis performed by EMSL, Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
12/17/01	71-17-001/First Floor/ Public Corridor/Near Elevator
12/17/01	71-17-002/Fifth Floor/ Public Corridor/Near Elevator
12/17/01	71-17-003/Eighth Floor/ Public Corridor/Near Elevator
12/17/01	71-17-004/Eleventh Floor/ Public Corridor/Near Ele- vator
12/17/01	71-17-005/Fifteenth Floor/ Public Corridor/Near Ele- vator
12/17/01	71-17-006/Nineteenth Floor/ Public Corridor /Near Elevator

12/22/2001 15:05 7329810551

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PAGE 01

EMSL Analytical, Inc.

1056 Stelfox Road, Piscataway, NJ 08854

Phone: 732-951-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 12/19/01 5:20 PM

EMSL Order: 050103972

EMSL Project ID:

Analysis Date: 12/21/01

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
71-17-001 050103972-0001	1680.00	0.0625	0	None Detected		0.0037	<16.00 <0.0037	
71-17-002 050103972-0002	1680.00	0.0625	0	None Detected		0.0037	<16.00 <0.0037	
71-17-003 050103972-0003	1680.00	0.0625	0	None Detected		0.0037	<16.00 <0.0037	
71-17-004 050103972-0004	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-17-005 050103972-0005	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-17-006 050103972-0006	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	

Filter pore size: 0.8 microns


 Adrian Arav (6)

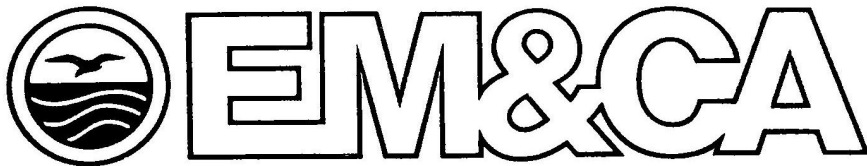

 Adrian Arav
or other approved signatory

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Analysis performed by EMSL, Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
12/20/01	71-20-001/First Floor/ Public Corridor/Near Elevator
12/20/01	71-20-002/Fourth Floor/ Public Corridor/Near Elevator
12/20/01	71-20-003/Seventh Floor/ Public Corridor/Near Elevator
12/20/01	71-20-004/Thirteenth Floor/ Public Corridor/Near Ele- vator
12/20/01	71-20-005/Sixteenth Floor/ Public Corridor/Near Ele- vator
12/20/01	71-20-006/Nineteenth Floor/ Public Corridor /Near Elevator

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0560 Fax: 732-981-0651 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 12/28/01 9:00 AM

EMSL Order: 050104046

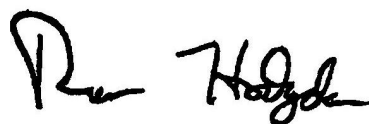
EMSL Project ID:

Analysis Date: 12/30/01

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
71-20-001 050104046-0001	1200.00	0.0750	1	None Detected		0.0043	<13.33 <0.0043	
71-20-002 050104046-0002	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-20-003 050104046-0003	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-20-004 050104046-0004	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-20-005 050104046-0005	1200.00	0.0750	0	None Detected		0.0043	<13.33 <0.0043	
71-20-006 050104046-0006	1200.00	0.0750	1	None Detected		0.0043	<13.33 <0.0043	

Filter Pore Size 0.8 Microns



Drew Hodgen (6)


Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0265 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
12/28/01	71-28-001/First Floor/ Lobby
12/28/01	71-28-002/Fourth Floor/ Public Corridor/Near Apartment 4G
12/28/01	71-28-003/Eighth Floor/ Public Corridor/Near Apartment 8G
12/28/01	71-28-004/Twelfth Floor/ Public Corridor/Near Apartment 12G
12/28/01	71-28-005/Sixteenth Floor/ Public Corridor/Near Apartment 16E



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
12/28/01	71-28-006/Twentieth Floor/ Public Corridor/Near Apartment 20F
12/28/01	71-28-007/Twenty-Third Floor/Lobby/Near Stair- well C
12/28/01	71-28-008/Second Floor/ Public Corridor/Near Apartment 2G
12/28/01	71-28-009/Sixth Floor/ Public Corridor/Near Apartment 6E
12/28/01	71-28-010/Tenth Floor/ Public Corridor/Near Apartment 10G



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
12/28/01	71-28-011/Fourteenth Floor/Public Corridor/ Near Apartment 14E
12/28/01	71-28-012/Eighteenth Floor/Public Corridor/ Near Apartment 18D
12/28/01	71-28-013/Twenty-Second Floor/Lobby/Near Refuse Room
12/28/01	71-28-014/Third Floor/ Public Corridor/Near Apartment 3G
12/28/01	71-28-015/Seventh Floor/ Public Corridor/Near Apartment 7G

01/07/2002 11:25 7329810551

EMSL ANALYTICAL

PAGE 05/09

EMSL Analytical, Inc.

1056 Stehly Road, Piscataway, NJ 08854

Phone: 732-981-0560 Fax: 732-981-0561 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
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Fax: (732) 249-3384

Project: 71 Broadway

Phone: 732-249-3006

Customer ID: EMCA50

Customer PO:

Received: 01/03/02 12:00 PM

EMSL Order: 050200039

EMSL Project ID:

Analysis Date: 1/4/02

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Ash	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
71-28001 050200039-0001	1800.00			Overloaded				
71-28002 050200039-0002	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-28003 050200039-0003	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-28004 050200039-0004	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-28005 050200039-0005	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-28006 050200039-0006				Overloaded				
71-28007 050200039-0007	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-28008 050200039-0008	1800.00	0.0500	0	Chrysotile	1 0	0.0043	20 0.0043	
71-28009 050200039-0009	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-28010 050200039-0010	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-28011 050200039-0011	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	

Adrian Arav (15)

Adrian Arav
or other approved signatory

Disclaimers: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analyst accuracy and precision) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH # H-0266 Approved Env. Lab)

TEMAHERA-1

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 01/03/02 12:00 PM

EMSL Order: 050200039

EMSL Project ID:

Analysis Date: 1/4/02

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
71-28012 050200039-0012	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-28013 050200039-0013	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-28014 050200039-0014	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-28015 050200039-0015	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	

Filter Pore Size 0.8 Microns.



Adrian Arav (15)


Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Analysis performed by EMSL, Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
1/1/02	71-01-001/Fifth Floor/ Public Corridor/Near Apartment 5G
1/1/02	71-01-002/Ninth Floor/ Public Corridor/Near Apartment 9G
1/1/02	71-01-003/Thirteenth Floor/Public Corridor/ Near Apartment 13G
1/1/02	71-01-004/Seventeenth Floor/Public Corridor/ Near Apartment 17G



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TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
1/1/02	71-01-005/Twenty-First Floor/Lobby/Near Mens' Restroom
1/1/02	71-01-006/Eleventh Floor/Public Corridor/ Near Apartment 11G
1/1/02	71-01-007/Fifteenth Public Corridor/Near Apartment 15G
1/1/02	71-01-008/Nineteenth Floor/Public Corridor/ Near Apartment 19F

EMSL Analytical, Inc.

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Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 01/03/02 12:00 PM

EMSL Order: 050200030

EMSL Project ID:

Analysis Date: 1/5/02

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
71-01001 50200030-0001	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-01002 50200030-0002	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-01003 50200030-0003	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-01004 50200030-0004	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-01005 50200030-0005	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-01006 50200030-0006	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-01007 50200030-0007	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
71-01008 050200030-0008	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	

Filter Pore Size 0.8 Microns.


 Adrian Arav (8)


 Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH.0268 Approved Env. Lab)

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
1/4/02	71-04-001/Second Floor/ Public Corridor/Near Apartment 2G
1/4/02	71-04-002/Sixth Floor/ Public Corridor/Near Apartment 6E
1/4/02	71-04-003/Tenth Floor/ Public Corridor/Near Apartment 10G
1/4/02	71-04-004/Sixteenth Floor/Public Corridor/ Near Apartment 16E
1/4/02	71-04-005/Twentieth Floor/Public Corridor/ Near Apartment 20F

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876
Fax: (732) 249-3384
Project: 71 Broadway

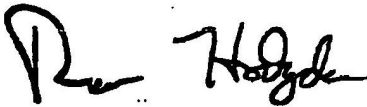
Phone: 732-249-3005

Customer ID: EMCA50
Customer PO:
Received: 01/08/02 5:45 PM
EMSL Order: 050200084
EMSL Project ID:
Analysis Date: 1/11/02

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
7104-001 050200084-0001	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7104-002 050200084-0002	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7104-003 050200084-0003	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7104-004 050200084-0004	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7104-005 050200084-0005	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	

Filter Pore Size 0.8 Microns



Drew Hodgden (5)



Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #10104E 2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
1/7/02	71-07-001/First Floor/ Public Corridor/Near Elevator
1/7/02	71-07-002/Fourth Floor/ Public Corridor/Near Apartment 4G
1/7/02	71-07-003/Eighth Floor/ Public Corridor/Near Apartment 8E
1/7/02	71-07-004/Twelfth Floor/ Public Corridor/Near Apartment 12G
1/7/02	71-07-005/Sixteenth Public Corridor/Near Apartment 16E



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
1/7/02	71-07-006/Third Floor/ Public Corridor/Near Apartment 3G
1/7/02	71-07-007/Sixth Floor/ Public Corridor/Near Apartment 6E
1/7/02	71-07-008/Ninth Floor/ Public Corridor/Near Apartment 9G
1/7/02	71-07-009/Thirteenth Public Corridor/Near Apartment 13G
1/7/02	71-07-010/Seventeenth Floor/Public Corridor/ Near Apartment 17G

01/11/2002 17:45 7329810551

EMSL ANALYTICAL

PAGE 02

EMSL Analytical, Inc.

1058 Stetton Road, Piscataway, NJ 08854

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 (EM & CA)
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 Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 01/08/02 5:45 PM

EMSL Order: 050200085

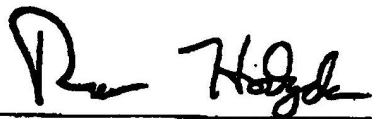
EMSL Project ID:

Analysis Date: 1/11/02

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
7107-001 050200085-0001	1800.00	0.0500	1	None Detected		0.0043	<20.00 <0.0043	
7107-002 050200085-0002	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7107-003 050200085-0003	1800.00	0.0500	1	None Detected		0.0043	<20.00 <0.0043	
7107-004 050200085-0004	1800.00	0.0500	2	Chrysotile	1	0.0043	20 0.0043	
7107-005 050200085-0005	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7107-006 050200085-0006	1800.00	0.0500	1	None Detected		0.0043	<20.00 <0.0043	
7107-007 050200085-0007	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7107-008 050200085-0008	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7107-009 050200085-0009	1800.00	0.0500	1	None Detected		0.0043	<20.00 <0.0043	
7107-010 050200085-0010	1800.00	0.0500	3	None Detected		0.0043	<20.00 <0.0043	

Filter Pore Size 0.8 Microns



Drew Hodgden (10)


Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0286 Approved Env. Lab)

TEMAHERA-1



Environmental Monitoring & Consulting Associates

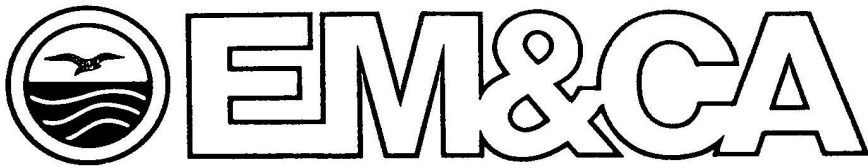
P.O. BOX 872 • SOMERVILLE, NJ 08876 • (732) 249-3005 • FAX (732) 249-3384

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
1/11/02	71-11-001/First Floor/ Lobby/Near Restroom
1/11/02	71-11-002/Fourth Floor/ Public Corridor/Near Apartment 4G
1/11/02	71-11-003/Eighth Floor/ Public Corridor/Near Apartment 8E
1/11/02	71-11-004/Twelfth Floor/ Public Corridor/Near Apartment 12G
1/11/02	71-11-005/Sixteenth Floor/ Public Corridor/Near Apart- ment 16E



Environmental Monitoring & Consulting Associates

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TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
1/11/02	71-11-006/Twentieth Floor/ Public Corridor/Near Apart- ment 20F
1/11/02	71-11-007/Twenty-Third Floor/Public Corridor/Near Stairwell C
1/11/02	71-11-008/Second Floor/ Public Corridor/Near Apartment 2G
1/11/02	71-11-009/Sixth Floor/ Public Corridor/Near Apartment 6E
1/11/02	71-11-010/Tenth Floor/ Public Corridor/Near Apartment 10G

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 01/15/02 6:00 PM

EMSL Order: 050200207

EMSL Project ID:

Analysis Date: 1/17/02

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
7111001 050200207-0001	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7111002 050200207-0002	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7111003 050200207-0003	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7111004 050200207-0004	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7111005 050200207-0005	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7111006 050200207-0006	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7111007 050200207-0007	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7111008 050200207-0008	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7111009 050200207-0009	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7111010 050200207-0010	1800.00	0.0500	0	Chrysotile	1 0	0.0043	20 0.0043	

Filter Pore Size 0.8 Microns.



Adrian Arav (10)


Adrian Arav
or other approved signatory

Disclaimers: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory end analysis) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
1/18/02	71-18-001/Fifth Floor/ Public Corridor/Near Apartment 5G
1/18/02	71-18-002/Ninth Floor/ Public Corridor/Near Apartment 9G
1/18/02	71-18-003/Fourteenth Floor/Public Corridor/Near Apartment 14E
1/18/02	71-18-004/Nineteenth Floor/Public Corridor/Near Apartment 19E
1/18/02	71-18-005/Twenty-Third Floor/Public Corridor/Near Stairwell C



Environmental Monitoring & Consulting Associates

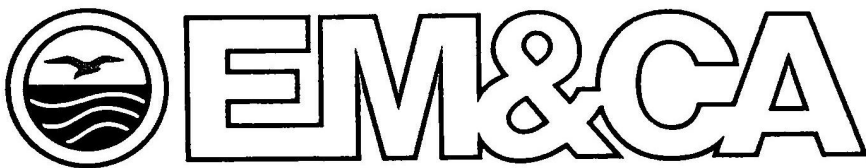
P.O. BOX 872 • SOMERVILLE, NJ 08876 • (732) 249-3005 • FAX (732) 249-3384

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
1/18/02	71-18-006/Seventh Floor/ Public Corridor/Near Apart- ment 7G
1/18/02	71-18-007/Eleventh Floor/ Public Corridor/Near Apart- ment 11G
1/18/02	71-18-008/Sixteenth Floor/ Public Corridor/Near Apart- ment 16E
1/18/02	71-18-009/Twentieth Floor/Public Corridor/Near Apartment 20F
1/18/02	71-18-010/Twenty-Second Floor/Public Corridor/Near Refuse Room



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
1/18/02	71-18-011/Third Floor/ Public Corridor/Near Apartment 3G
1/18/02	71-18-012/Sixth Floor/ Public Corridor/Near Apartment 6E
1/18/02	71-18-013/Tenth Floor/ Public Corridor/Near Apartment 10G
1/18/02	71-18-014/Fifteenth Floor/Public Corridor/Near Apartment 15G
1/18/02	71-18-015/Eighteenth Floor/Public Corridor/Near Apartment 18D

01/29/2002 17:10

7329810551

EMSL ANALYTICAL

PAGE 02

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-881-0550 Fax: 732-981-0551 Email:

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Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 01/24/02 5:40 PM

EMSL Order: 050200345

EMSL Project ID:

Analysis Date: 1/29/02

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Aren Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ	≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²)	(S/cc)	Notes
7118001 050200345-0001	1800.00	0.0448	0	None Detected			0.0048	<22.32	<0.0048	
7118002 050200345-0002	1800.00	0.0448	2	Chrysotile	1	0	0.0048	22.32	0.0048	
7118003 050200345-0003	1800.00	0.0448	6	None Detected			0.0048	<22.32	<0.0048	
7118004 050200345-0004	1800.00	0.0448	0	None Detected			0.0048	<22.32	<0.0048	
7118005 050200345-0005	1800.00	0.0448	0	None Detected			0.0048	<22.32	<0.0048	
7118006 050200345-0006	1800.00	0.0448	0	None Detected			0.0048	<22.32	<0.0048	
7118007 050200345-0007	1800.00	0.0448	0	Chrysotile	1	0	0.0048	22.32	0.0048	
7118008 050200345-0008	1800.00	0.0448	0	None Detected			0.0048	<22.32	<0.0048	
7118009 050200345-0009	1800.00	0.0448	6	None Detected			0.0048	<22.32	<0.0048	
7118010 050200345-0010	1800.00	0.0448	0	Chrysotile	1	0	0.0048	22.32	0.0048	
7118011 050200345-0011	1800.00	0.0448	0	None Detected			0.0048	<22.32	<0.0048	

Adrian Arav (15)

Adrian Arav
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/on, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1

1

EMSL Analytical, Inc.

1056 Steffen Road, Piscataway, NJ 08854

Phone: 732-981-0650 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 01/24/02 5:40 PM

EMSL Order: 050200345

EMSL Project ID:

Analysis Date: 1/29/02

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
							(S/mm ²)	(S/cc)	
7118012 050200345-0012	1800.00	0.0448	0	None Detected		0.0048	<22.32	<0.0048	
7118013 050200345-0013	1800.00	0.0448	0	None Detected		0.0048	<22.32	<0.0048	
7118014 050200345-0014	1800.00	0.0448	0	None Detected		0.0048	<22.32	<0.0048	
7118015 050200345-0015	1800.00	0.0448	0	None Detected		0.0048	<22.32	<0.0048	



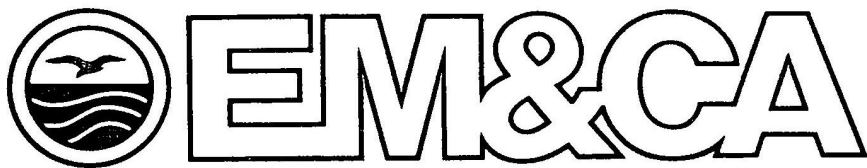
Adrian Arav (15)

Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0286 Approved Env. Lab)

TEMAHERA-1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
1/23/02	71-23-001/Second Floor/ Public Corridor/Near Apartment 2G
1/23/02	71-23-002/Eighth Floor/ Public Corridor/Near Apartment 8E
1/23/02	71-23-003/Twelfth Floor/ Public Corridor/Near Apartment 12G
1/23/02	71-23-004/Seventeenth Floor/Public Corridor/Near Apartment 17G
1/23/02	71-23-005/Nineteenth Floor/Public Corridor/Near Apartment 19G



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
1/23/02	71-23-006/Fourth Floor/ Public Corridor/Near Apartment 4G
1/23/02	71-23-007/Sixth Floor/ Public Corridor/Near Apartment 6G
1/23/02	71-23-008/Thirteenth Floor/ Public Corridor/Near Apartment 13G
1/23/02	71-23-009/Fourteenth Floor/Public Corridor/Elevator Lobby
1/23/02	71-23-010/Twenty-First Floor/Public Corridor/Near Apartment 21G

EMSL Analytical, Inc.

1066 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 01/24/02 5:40 PM

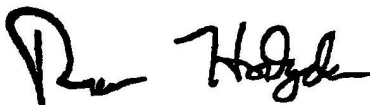
EMSL Order: 050200343

EMSL Project ID:

Analysis Date: 1/29/02

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
7123001 050200343-0001	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7123002 050200343-0002	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7123003 050200343-0003	1800.00	0.0500	1	None Detected		0.0043	<20.00 <0.0043	
7123004 050200343-0004	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7123005 050200343-0005	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7123006 050200343-0006	1800.00	0.0500	1	None Detected		0.0043	<20.00 <0.0043	
7123007 050200343-0007	1800.00	0.0500	1	None Detected		0.0043	<20.00 <0.0043	
7123008 050200343-0008	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7123009 050200343-0009	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7123010 050200343-0010	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	



Draw Hodgden (10)


Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0288 Approved Env. Lab)

TEMAHERA-1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
2/6/02	71-6-001/Fifth Floor/ Public Corridor/Near Apart- ment 5G
2/6/02	71-6-002/Tenth Floor/ Public Corridor/Near Apart- ment 10G
2/6/02	71-6-003/Fifteenth Floor/ Public Corridor/Near Apart- ment 15G
2/6/02	71-6-004/Twentieth Floor/ Public Corridor/Near Apartment 20F
2/6/02	71-6-005/Twenty-Third Floor/Public Corridor/Near Stairwell C

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0561 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876
Fax: (732) 249-3384
Project: 71 Broadway

Phone: 732-249-3005

Customer ID: EMCA50
Customer PO:
Received: 02/12/02 4:15 PM
EMSL Order: 050200607
EMSL Project ID:
Analysis Date: 2/13/02

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
7106001 050200607-0001	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7106002 050200607-0002	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7106003 050200607-0003	1800.00	0.0600	0	None Detected		0.0043	<20.00 <0.0043	
7106004 050200607-0004	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7106005 050200607-0005	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	

Filter Pore Size 0.8 Microns



Adrian Arav (5)


Adrian Arav
or other approved signatory

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Analysis performed by EMSL, Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0266 Approved Env. Lab)

TEMAHERA-1



Environmental Monitoring & Consulting Associates

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

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
2/8/02	71-8-001/Eighth Floor/ Public Corridor/Near Apartment 8E
2/8/02	71-8-002/Twelfth Floor/ Public Corridor/Near Apartment 12G
2/8/02	71-8-003/Sixteenth Floor/ Public Corridor/Near Apartment 16E
2/8/02	71-8-004/Nineteenth Floor/ Public Corridor/Near Apartment 19F
2/8/02	71-8-005/Twenty-Second Floor/Public Corridor/Near Refuse Room

EMSL Analytical, Inc.

1056 Stelton Road, Piscataway, NJ 08854

Phone: 732-981-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 02/12/02 4:15 PM

EMSL Order: 050200609

EMSL Project ID:

Analysis Date: 2/13/02

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
7108001 050200609-0001	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7108002 050200609-0002	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7108003 050200609-0003	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7108004 050200609-0004	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7108005 050200609-0005	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	

Filter Pore Size 0.6 Microns



Adrian Arav (S)


Adrian Arav
or other approved signatory

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Analysis is performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOH PH-0288 Approved Env. Lab)

TEMAHERA-1



Environmental Monitoring & Consulting Associates

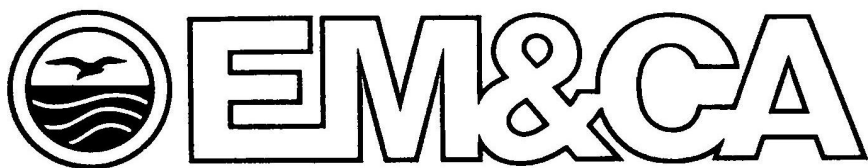
P.O. BOX 872 • SOMERVILLE, NJ 08876 • (732) 249-3005 • FAX (732) 249-3384

TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
2/13/02	71-13-001/First Floor/ Lobby/Near Restroom
2/13/02	71-13-002/Fourth Floor/ Public Corridor/Near Apartment 4G
2/13/02	71-13-003/Eighth Floor/ Public Corridor/Near Apartment 8E
2/13/02	71-13-004/Twelfth Floor/ Public Corridor/Near Apartment 12G
2/13/02	71-13-005/Sixteenth Floor/ Public Corridor/Near Apartment 16E



Environmental Monitoring & Consulting Associates

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TO: Highland Development LLC
71 Broadway
New York, New York 10039

RE: AIRBORNE ASBESTOS ANALYSIS/71 BROADWAY/NEW YORK, NEW YORK/AREA AIR
MONITORING

Airborne Fiber Analysis By Transmission Electron Microscopy
(TEM) Performed In Accordance With EPA 40 CFR Part 763 Final Rule (AHERA)

<u>DATE</u>	<u>SAMPLE/LOCATION</u>
2/13/02	71-13-006/Third Floor/ Public Corridor/Near Apartment 3G
2/13/02	71-13-007/Sixth Floor/ Public Corridor/Near Apartment 6E
2/13/02	71-13-008/Ninth Floor/ Public Corridor/Near Apartment 9G
2/13/02	71-13-009/Thirteenth Floor/Public Corridor/ Near Apartment 13E
2/13/02	71-13-010/Seventeenth Floor/Public Corridor/ Near Apartment 17G

EMSL Analytical, Inc.

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Phone: 732-981-0550 Fax: 732-981-0551 Email:

EMSL

Attn: George Russell
Environmental Monitoring & Consulting
(EM & CA)
P.O. Box 872
Somerville, NJ 08876

Fax: (732) 249-3384

Phone: 732-249-3005

Project: 71 Broadway

Customer ID: EMCA50

Customer PO:

Received: 02/14/02 5:30 PM

EMSL Order: 050200658

EMSL Project ID:

Analysis Date: 2/18/02

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Ash	Asbestos Type(s)	# Structure 0.5µ - 5µ ≥ 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³) (S/cc)	Notes
7113001 050200658-0001	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7113002 050200658-0002	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7113003 050200658-0003	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7113004 050200658-0004	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7113005 050200658-0005	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7113006 050200658-0006	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7113007 050200658-0007	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7113008 050200658-0008	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7113009 050200658-0009	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	
7113010 050200658-0010	1800.00	0.0500	0	None Detected		0.0043	<20.00 <0.0043	

Filter Pore Size 0.8 Microns.



Adrian Arav (10)


Adrian Arav
or other approved signatory

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Analysis performed by EMSL Piscataway (NY State ELAP #11423, NVLAP #101048-2, Connecticut DOI: PH-0266 Approved Env Lab).

TEMAHERA-1

1



Environmental Monitoring & Consulting Associates

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

December 5, 2001

Ms. Julia Hodgson
Highland Development LLC
71 Broadway
New York, New York 10039

**RE: 71 Broadway
Potable Water Testing**

Dear Ms. Hodgson:

On November 6, 2001 Environmental Monitoring & Consulting Associates collected nine (9) potable water samples at 71 Broadway, New York, New York. All of the samples were properly preserved in accordance with the relevant scientific method and transported to Accutest, an environmental laboratory that specializes in wet chemistry and is certified in thirteen states.

All of the samples were analyzed in accordance with USEPA and NYSDOH approved methodology.

Analysis Protocol

Volatile Organic Compounds (VOC)	38 Compounds
Base Neutrals (BNA or Semi Volatile Compounds)	64 Compounds
Pesticides (Target Compound List)	21 Compounds
Polychlorinated Biphenyls (PCB's)	7 Compounds
TAL Metals	23 Metals
Cyanide	



Environmental Monitoring & Consulting Associates

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

Only very low levels of a small number of the 135 substances tested for were detected, as the attached Report of Analysis shows. The substances that were detected are typically found in potable water and not considered to be remarkable.

If you have any questions or comments regarding this correspondence, or if I can be of any assistance, please do not hesitate to contact my office.

Very truly yours,
Environmental Monitoring & Consulting Associates


George Russell
Vice President

GR/bj

cc: file
attachments



11/14/01

Technical Report for

Environmental Monitoring & Consulting

Potable, Manhattan, NY

Accutest Job Number: N220

Report to:

Environmental Monit/
17 Meredith Place W
Piscataway, NJ 088

ATTN: George Ri

Total number of pages in report: 11



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Vincent J. Pugliese
President

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, MA, MD, NC, PA, RI, SC, VA

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Accutest Laboratories

Sample Summary

Environmental Monitoring & Consulting

Job No: N2208

Potable, Manhattan, NY

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
N2208-1	11/06/01	15:00	CK	11/06/01	DW Drinking Water	71 BROADWAY

Accutest Laboratories

Report of Analysis

Page 1 of 2

Client Sample ID: 71 BROADWAY
 Lab Sample ID: N2208-1
 Matrix: DW - Drinking Water
 Method: SW846 8260B
 Project: Potable, Manhattan, NY

Date Sampled: 11/06/01
 Date Received: 11/06/01
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U14710.D	1	11/13/01	LY	n/a	n/a	VU450
Run #2							

VOA TCL List

CAS No.	Compound	Result	MCL	RL	Units	Q
67-64-1	Acetone	ND		5.0	ug/l	
71-43-2	Benzene	ND	5.0	1.0	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	ug/l	
75-25-2	Bromoform	ND		4.0	ug/l	
74-83-9	Bromomethane	ND		5.0	ug/l	
78-93-3	2-Butanone (MEK)	ND		5.0	ug/l	
75-15-0	Carbon disulfide	ND		5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	ug/l	
108-90-7	Chlorobenzene	ND	100	2.0	ug/l	
75-00-3	Chloroethane	ND		5.0	ug/l	
67-66-3	Chloroform	35.3		5.0	ug/l	
74-87-3	Chloromethane	ND		5.0	ug/l	
124-48-1	Dibromochloromethane	ND		5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND		5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	2.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	5.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	5.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	ug/l	
591-78-6	2-Hexanone	ND		5.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		5.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
100-42-5	Styrene	ND	100	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	ug/l	
108-88-3	Toluene	ND	1000	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	5.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	3.0	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	ug/l	

ND = Not detected

MCL = Maximum Contamination Level (40 CFR 141)

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Page 2 of 2

Client Sample ID:	71 BROADWAY	Date Sampled:	11/06/01
Lab Sample ID:	N2208-1	Date Received:	11/06/01
Matrix:	DW - Drinking Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Potable, Manhattan, NY		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		81-118%
17060-07-0	1,2-Dichloroethane-D4	114%		68-124%
2037-26-5	Toluene-D8	100%		85-119%
460-00-4	4-Bromofluorobenzene	100%		75-127%

ND = Not detected

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Page 1 of 2

Client Sample ID: 71 BROADWAY
 Lab Sample ID: N2208-1
 Matrix: DW - Drinking Water
 Method: SW846 8270C SW846 3510C
 Project: Potable, Manhattan, NY

Date Sampled: 11/06/01
 Date Received: 11/06/01
 Percent Solids: n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R20262.D	1	11/13/01	CBD	11/07/01	OP10465	ER628
Run #2							

ABN TCL List

CAS No.	Compound	Result	MCL	RL	Units	Q
95-57-8	2-Chlorophenol	ND		5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND		5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND		5.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND		5.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND		20	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND		20	ug/l	
95-48-7	2-Methylphenol	ND		5.0	ug/l	
	3&4-Methylphenol	ND		5.0	ug/l	
88-75-5	2-Nitrophenol	ND		5.0	ug/l	
100-02-7	4-Nitrophenol	ND		20	ug/l	
87-86-5	Pentachlorophenol	ND	1.0	20	ug/l	
108-95-2	Phenol	ND		5.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND		5.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND		5.0	ug/l	
83-32-9	Acenaphthene	ND		2.0	ug/l	
208-96-8	Acenaphthylene	ND		2.0	ug/l	
120-12-7	Anthracene	ND		2.0	ug/l	
56-55-3	Benzo(a)anthracene	ND		2.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.20	2.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND		2.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND		2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND		2.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND		2.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND		2.0	ug/l	
91-58-7	2-Chloronaphthalene	ND		5.0	ug/l	
106-47-8	4-Chloroaniline	ND		5.0	ug/l	
86-74-8	Carbazole	ND		2.0	ug/l	
218-01-9	Chrysene	ND		2.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND		2.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND		2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND		2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND		2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	2.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		2.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	2.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND		2.0	ug/l	

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Accutest Laboratories

Report of Analysis

Page 2 of 2

Client Sample ID:	71 BROADWAY	Date Sampled:	11/06/01
Lab Sample ID:	N2208-1	Date Received:	11/06/01
Matrix:	DW - Drinking Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Potable, Manhattan, NY		

ABN TCL List

CAS No.	Compound	Result	MCL	RL	Units	Q
606-20-2	2,6-Dinitrotoluene	ND		2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND		5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND		2.0	ug/l	
132-64-9	Dibenzofuran	ND		5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND		2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND		2.0	ug/l	
84-66-2	Diethyl phthalate	ND		2.0	ug/l	
131-11-3	Dimethyl phthalate	ND		2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	6.0	2.0	ug/l	
206-44-0	Fluoranthene	ND		2.0	ug/l	
86-73-7	Fluorene	ND		2.0	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	50	20	ug/l	
67-72-1	Hexachloroethane	ND		5.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND		2.0	ug/l	
78-59-1	Isophorone	ND		2.0	ug/l	
91-57-6	2-Methylnaphthalene	ND		2.0	ug/l	
88-74-4	2-Nitroaniline	ND		5.0	ug/l	
99-09-2	3-Nitroaniline	ND		5.0	ug/l	
100-01-6	4-Nitroaniline	ND		5.0	ug/l	
91-20-3	Naphthalene	ND		2.0	ug/l	
98-95-3	Nitrobenzene	ND		2.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND		2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND		5.0	ug/l	
85-01-8	Phenanthrene	ND		2.0	ug/l	
129-00-0	Pyrene	ND		2.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	2.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		10-112%
4165-62-2	Phenol-d5	25%		10-93%
118-79-6	2,4,6-Tribromophenol	79%		37-159%
4165-60-0	Nitrobenzene-d5	69%		42-127%
321-60-8	2-Fluorobiphenyl	67%		38-131%
1718-51-0	Terphenyl-d14	66%		22-153%

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Accutest Laboratories

Report of Analysis

Page 1 of 1

Client Sample ID: 71 BROADWAY	Date Sampled: 11/06/01
Lab Sample ID: N2208-1	Date Received: 11/06/01
Matrix: DW - Drinking Water	Percent Solids: n/a
Method: SW846 8081A SW846 3510C	
Project: Potable, Manhattan, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW28197.D	1	11/12/01	YYX	11/08/01	OP10426	GWW946
Run #2							

Pesticide TCL List

CAS No.	Compound	Result	MCL	RL	Units	Q
309-00-2	Aldrin	ND		0.020	ug/l	
319-84-6	alpha-BHC	ND		0.020	ug/l	
319-85-7	beta-BHC	ND		0.020	ug/l	
319-86-8	delta-BHC	ND		0.020	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.20	0.020	ug/l	
5103-71-9	alpha-Chlordane	ND		0.020	ug/l	
5103-74-2	gamma-Chlordane	ND		0.020	ug/l	
60-57-1	Dieldrin	ND		0.020	ug/l	
72-54-8	4,4'-DDD	ND		0.020	ug/l	
72-55-9	4,4'-DDE	ND		0.020	ug/l	
50-29-3	4,4'-DDT	ND		0.020	ug/l	
72-20-8	Endrin	ND	2.0	0.020	ug/l	
1031-07-8	Endosulfan sulfate	ND		0.020	ug/l	
7421-93-4	Endrin aldehyde	ND		0.020	ug/l	
53494-70-5	Endrin ketone	ND		0.050	ug/l	
959-98-8	Endosulfan-I	ND		0.020	ug/l	
33213-65-9	Endosulfan-II	ND		0.020	ug/l	
76-44-8	Heptachlor	ND	0.40	0.020	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.20	0.020	ug/l	
72-43-5	Methoxychlor	ND	40	0.050	ug/l	
8001-35-2	Toxaphene	ND	3.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	127%		48-136%
877-09-8	Tetrachloro-m-xylene	133%		48-136%
2051-24-3	Decachlorobiphenyl	128%		22-147%
2051-24-3	Decachlorobiphenyl	126%		22-147%

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Report of Analysis

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Client Sample ID: 71 BROADWAY	
Lab Sample ID: N2208-1	Date Sampled: 11/06/01
Matrix: DW - Drinking Water	Date Received: 11/06/01
Method: SW846 8082 SW846 3510C	Percent Solids: n/a
Project: Potable, Manhattan, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AB30560.D	1	11/12/01	KLS	11/08/01	OP10406	GAB1679
Run #2							

PCB List

CAS No.	Compound	Result	MCL	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	0.50	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	0.50	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	0.50	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	0.50	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	0.50	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	0.50	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	119%		25-134%
877-09-8	Tetrachloro-m-xylene	104%		25-134%
2051-24-3	Decachlorobiphenyl	128%		14-150%
2051-24-3	Decachlorobiphenyl	131%		14-150%

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Report of Analysis

Page 1 of 1

Client Sample ID: 71 BROADWAY	Date Sampled: 11/06/01
Lab Sample ID: N2208-1	Date Received: 11/06/01
Matrix: DW - Drinking Water	Percent Solids: n/a
Project: Potable, Manhattan, NY	

Metals Analysis

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed By	Method
Aluminum	<0.15		0.15	mg/l	1	11/12/01	11/13/01 KL	EPA 200.7
Antimony	<0.0050	0.0060	0.0050	mg/l	1	11/12/01	11/13/01 KL	EPA 200.7
Arsenic	<0.0050	0.050	0.0050	mg/l	1	11/12/01	11/13/01 KL	EPA 200.7
Barium	<0.20	2.0	0.20	mg/l	1	11/12/01	11/13/01 EK	EPA 200.7
Beryllium	<0.0030	0.0040	0.0030	mg/l	1	11/12/01	11/13/01 EK	EPA 200.7
Cadmium	<0.0040	0.0050	0.0040	mg/l	1	11/12/01	11/13/01 KL	EPA 200.7
Calcium	5.7		5.0	mg/l	1	11/12/01	11/13/01 KL	EPA 200.7
Chromium	<0.010	0.10	0.010	mg/l	1	11/12/01	11/13/01 KL	EPA 200.7
Cobalt	<0.050		0.050	mg/l	1	11/12/01	11/13/01 EK	EPA 200.7
Copper	0.078	1.3	0.025	mg/l	1	11/12/01	11/13/01 KL	EPA 200.7
Iron	<0.10		0.10	mg/l	1	11/12/01	11/13/01 EK	EPA 200.7
Lead	<0.0030	0.015	0.0030	mg/l	1	11/12/01	11/13/01 EK	EPA 200.7
Magnesium	<5.0		5.0	mg/l	1	11/12/01	11/13/01 EK	EPA 200.7
Manganese	0.024		0.015	mg/l	1	11/12/01	11/13/01 KL	EPA 200.7
Mercury	<0.00020	0.0020	0.00020	mg/l	1	11/12/01	11/13/01 RP	EPA 245.1
Nickel	<0.040		0.040	mg/l	1	11/12/01	11/13/01 EK	EPA 200.7
Potassium	<5.0		5.0	mg/l	1	11/12/01	11/13/01 KL	EPA 200.7
Selenium	<0.0050	0.050	0.0050	mg/l	1	11/12/01	11/13/01 KL	EPA 200.7
Silver	<0.010	0.10	0.010	mg/l	1	11/12/01	11/13/01 EK	EPA 200.7
Sodium	7.0	50	5.0	mg/l	1	11/12/01	11/13/01 KL	EPA 200.7
Thallium	<0.010	0.0020	0.010	mg/l	1	11/12/01	11/13/01 KL	EPA 200.7
Vanadium	<0.050		0.050	mg/l	1	11/12/01	11/13/01 EK	EPA 200.7
Zinc	<0.020	5.0	0.020	mg/l	1	11/12/01	11/13/01 EK	EPA 200.7

RL = Reporting Limit

MCL = Maximum Contamination Level (40 CFR 141)

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Report of Analysis

Page 1 of 1

Client Sample ID: 71 BROADWAY
Lab Sample ID: N2208-1
Matrix: DW - Drinking Water
Project: Potable, Manhattan, NY

Date Sampled: 11/06/01
Date Received: 11/06/01
Percent Solids: n/a

General Chemistry

Analyte	Result	MCL	Units	DF	Analyzed By	Method
Cyanide	<0.010	0.20	mg/l	1	11/13/01 PDC	EPA 335.4

MCL = Maximum Contamination Level (40 CFR 141)


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