

Sample results
cut off for
the
PCM results

Bulk cover page
no bulk samples
submitted

CALLER ATHENICA 3/19/02

MAROLDA PROPERTIES INC.

46 TRINITY PLACE, 3RD FLOOR, NEW YORK, N.Y. 10006 • TEL. (212) 480-1122 • FAX. (212) 480-1144

REAL ESTATE INVESTMENTS &
MANAGEMENT

March 15, 2002

**To: N.Y.C. , DEP - Asbestos Control Program
59-17 Junction Boulevard, 8th Floor
Corona, New York 11373 -5108**

**Re: 46-48 Trinity Place
83 Greenwich Street**

On March 1st, 2002 the buildings roofs, and exterior had a general cleaning performed by M & M Contracting Inc. P.O. Box 136 NY NY 11201.

Should you want to inspect the premises, you may contact us directly and make an appointment at 212 480 -1122 and speak to Margie Bonano at Extension 107.

Enclosed is also a report of test conducted after 9/11 tragedy for your records.

Respectfully,

**Fred Marolda
Co - President**

E N T E R E D



**Department of
Environmental
Protection**

59-17 Junction Boulevard
Corona, New York
11368-5107

**Joel A. Miele Sr., P.E.
Commissioner**

**Robert C. Avaltroni
Deputy Commissioner**

**Bureau of
Environmental Compliance**
Tel (718) 595-4418
Fax (718) 595-4422

February 12, 2002

46 Trinity Place, LLC.
46 Trinity Place
New York, NY 10006

**Subject: 83 GREENWICH STREET
46-48 Trinity Place**

Dear Sir/ Madam:

In September 2001, the New York City Department and Environmental Protection (NYC DEP) and the Department of Health (NYC DOH) advised building owners regarding building maintenance and re-occupancy issues following the collapse of the World Trade Center. The steps included the professional assessment of building contamination for possible hazardous components, including asbestos, and a retrospective filing, as required, if applicable.

The NYC DEP is hereby requesting copies of the environmental hazard assessments including bulk sample results and air monitoring results and a summary of clean-up activities at the above referenced site. Please forward the requested documents to our offices within FIVE BUSINESS DAYS. They may be faxed to (718) 595-3744 or sent to the NYC DEP Asbestos Control Program at 59-17 Junction Boulevard, 8th floor, Corona, New York 11373-5108.

Please be advised building owners are responsible for the cleaning of building exteriors, grounds, and common areas. Due to changing conditions and continued activity at Ground Zero, building owners should periodically assess the condition of building exteriors and air conditioning systems for cleanliness and may have to periodically re-clean areas. Adherence to proper cleaning methods is important for the protection of public health and the environment. DEP inspectors will be following up on this matter.

If you have any questions, you may reach the Department at (718) 595-3682 during office hours or the 24-hour Help Center at (718) DEP-HELP. DEP staff is available to provide guidance and technical assistance.

Sincerely,

R. Radhakrishnan, P.E.

Director

Asbestos Control Program



WWW.NYCDEP.ORG

(718) DEP-HELP



ENVIRONMENTAL SERVICES INC.

**45-09 Greenpoint Avenue
Long Island City, N.Y. 11104**

**Tel (718) 784-7490
Fax (718) 784-4085**

October 17, 2001

**Coritsidis & Lambros
46 Trinity Place, 4th Floor
New York, NY 10006**

Attn: Mr. Michael N. Coritsidis - Tel# (212) 797-4600, Fax# (212) 797-4601

**Re: Ambient Asbestos Air Monitoring
46 Trinity Place
New York, NY 10006
AES File# 01-0505**

Dear Mr. Coritsidis:

As per your request, Athenica Environmental Services Inc. performed ambient air monitoring for asbestos at the above referenced site. The specific locations monitored were:

- 2nd Floor – East, West and Center
- 3rd Floor – East, West and Center
- 4th Floor – East, West and Center

The ambient air samples were collected by Athenica Environmental Services, Inc. in the aforementioned areas and transferred to Athenica's Laboratory, via chain-of-custody procedures. Athenica Environmental Inc. Laboratory analyzed all collected samples using Phase Contrast Microscopy (PCM) and Transmission Electron Microscopy (TEM). Athenica's laboratory is accredited by the New York State Department of Health under their Environmental Laboratory Approval Program (ELAP ID# 10955) and by the National Institute of Standards and Technology (NIST) under their National Voluntary Laboratory Accreditation Program (NVLAP Laboratory ID 1958).

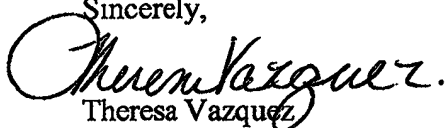
The samples were analyzed via Phase Contrast Microscopy (PCM) and Transmission Electron Microscopy (TEM) in accordance with applicable Federal, New York State and New York City rules and regulations.

Ambient Asbestos Air Monitoring
46 Trinity Place
New York, NY 10006
AES File# 01-0505

The results of the analyses of these sample indicated airborne concentrations to be less than 70 structures per cubic centimeter of air by TEM analysis. 70 structures per cubic centimeter is the standard for clean air for re-occupancy in areas affected by asbestos abatement. Based on our monitoring results, these spaces met the re-occupancy criteria.

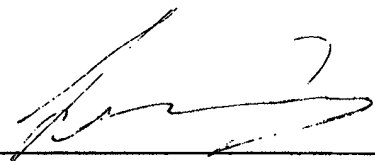
Should you have any questions, please feel free to contact me at (718) 784 - 7490.

Sincerely,



Theresa Vazquez
Project Manager

Reviewed by :



Spiro Dongaris
Vice President

BULK SAMPLE RESULTS AND CHAIN OF CUSTODY


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7480

Fax. (718) 784-4885

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Coritsidis & Lambros

LABORATORY ID #: T01-10-010

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.01003

PROJECT: 46 Trinity Place

DATE OF REPORT: 10/17/01

DATE OF ANALYSIS: 10/16/01

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST TYPE SPECIFY
01	T01-10-010-1658	2 nd floor, center	1850	5	0.0502	0.0041	<0.0041	<19.94	NA	NA	NA	NA
02	T01-10-010-1659	2 nd floor, west side	1840	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA
03	T01-10-010-1660	2 nd floor, east side	1830	5	0.0502	0.0042	0.0042	19.94	0.0042	<0.0042	Chrys.	NA
04	T01-10-010-1661	3 rd floor, east side	1820	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA
05	T01-10-010-1662	3 rd floor, center	1810	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA
06	T01-10-010-1663	3 rd floor, west side	1810	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA

ANALYST

LABORATORY DIRECTOR

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a true duplicate analysis.
- If AES Inc., did not conduct the sampling, the reported airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AES Inc.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 764-7490

Fax. (718) 764-4885

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Coritsidis & Lambros

LABORATORY ID #: T01-10-010

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.01003

PROJECT: 46 Trinity Place

DATE OF REPORT: 10/17/01

DATE OF ANALYSIS: 10/16/01

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.5SS<5µm	AIR CONC. FOR STRUCT. SS≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST TYPE SPECIFY
07	T01-10-010-1664	4 th floor, center	1800	5	0.0502	0.0043	<0.0043	<19.94	NA	NA	NA	NA
08	T01-10-010-1665	4 th floor, east side	1800	5	0.0502	0.0043	<0.0043	<19.94	NA	NA	NA	NA
09	T01-10-010-1666	4 th floor, west side	1800	5	0.0502	0.0043	<0.0043	<19.94	NA	NA	NA	NA
10	T01-10-010-1667	5 th floor, east side	1830	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA
11	T01-10-010-1668	5 th floor, center	1830	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA
12	T01-10-010-1669	5 th floor, west side	1830	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA

ANALYST

LABORATORY DIRECTOR

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a true duplicate analysis.
- If AES Inc., did not conduct the sampling, the reported airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AES Inc.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel: (718) 784-7480

Fax: (718) 784-4085

CLIENT

PROJECT NO. (ATHENICA FILE#)

PURPOSE OF MONITORING

CASSETTE SIZE

LOT#

TYPE-OF-RESPIRATOR

AREAS OF ABATEMENT

PCMCHECK ONLY ONE BOX

TEM

CHECK ONLY ONE BOX

Background

Pre-Abatement

Durrings

Final

Others (Explain)

Ambience

SITE

DATE

TECHNICIAN

ROTOMETER#

PROJECT MANAGER

TYPE-OF-REMOVAL

(CHECK ONLY ONE BOX)

ASB. 574055 AS

SAMPLE ID#	LOCATION	TYPE*	PUMP	TIME		TOTAL MIN.	FLOW			VOLUME	FIBERS/ FIELD ²
				IN	OUT		BEFORE	AFTER	AVERAGE		
01	(East floor) center	OTH		0950	1255	185	10	10	10	1850	<19.94
02	west side			0952	1256	184	10	10	10	1840	<19.94
03	East side			0954	1257	183	10	10	10	1830	19.94
04	(East floor) East side	OTH		0958	1300	182	10	10	10	1820	<19.94
05	Center			1000	1301	181	10	10	10	1810	<19.94
06	west side			1001	1302	181	10	10	10	1810	<19.94
07	(East floor) center	OTH		1005	1305	180	10	10	10	1800	<19.94
08	East side			1006	1306	180	10	10	10	1800	<19.94
09	west side			1008	1308	180	10	10	10	1800	<19.94
10	(East floor) East side	OTH		1013	1318	183	10	10	10	1830	<19.94
11	Center			1014	1317	183	10	10	10	1830	<19.94
12	west side			1015	1318	183	10	10	10	1830	<19.94

BGA - Background

PRE - Preabatement

IWA - Inside Work Area

OB - Outside Building

ICR - Inside Clean Room

NGAE - Negative Air Exhaust

OWA - Outside work area

OTH - Other

OFNL - Outside Finals

IFNL - Inside Finals

CHAIN OF CUSTODY RECORD

RELINQUISHED BY:		DATE:	10-15-01	TIME:	0315 PM
RECEIVED BY:		DATE:	10/15/01	TIME:	
ANALYST:		DATE:	10/16/01	TIME:	

LABORATORY ACCREDITATION:

NVLAP# 101958 ELAP# 10855 METHOD: NIOSH 7400

WHITE-FILE/LAB YELLOW-CLIENT/REPORT PINK-FIELD



ATHENICA
ENVIRONMENTAL SERVICES
(718) 784-7490
FAX (718) 784-4085

CLIENT: LAMEROS KORTSIDIS-LAWYER
SITE: 46 TRINITY PLACE
PROJECT NO.: ..
DATE: October 11, 2001
PURPOSE OF MONITORING: AREA SAMPLING
TECHNICIAN: MOHAMMED & VICTOR
CASET SIZE: 25mm
ROTOMETER #: SD101
LOT #: ..

BATCH # 01-10-037
TYPE-OF-RESPIRATOR TYPE-OF-REMOVAL
N/A
COMMENTS
2ND & 3RD FLRS
AMBIENCE

SAMPLE ID #	LOCATION	(*) TYPE	PUMP	TIME		TOTAL MIN.	FLOW			VOLUME	FIBERS/ FIELD	FIBER C.C.
				IN	OUT		BEFORE	AFTER	AVERAGE			
01	3RD FLR IN MAIN CORRIDOR	OTH		11:55	15:05	190	10.0	10.0	10.0	1900	0.24	0.0
02	3RD FLR IN MELISSA'S OFF	OTH		11:58	15:06	188	10.0	10.0	10.0	1880	0.10	0.0
03	3RD FLR IN VACAN'S OFF	OTH		12:00	15:07	187	10.0	10.0	10.0	1870	<.10	<.0
04	3RD FLR IN GREGORY'S	OTH		12:02	15:08	186	10.0	10.0	10.0	1860	0.11	0.0
05	3RD FLR IN THE KITCHEN	OTH		12:06	15:09	183	10.0	10.0	10.0	1830	0.15	0.0
06	2ND FLR IN MAIN CORRIDOR	OTH		12:12	15:15	183	10.0	10.0	10.0	1830	0.13	0.0
07	2ND FLR IN MAIN CORRIDOR	OTH		12:13	15:16	183	10.0	10.0	10.0	1830	0.17	0.0
08	2ND FLR IN BROKER'S OFF	OTH		12:15	15:17	182	10.0	10.0	10.0	1820	<.10	<.0
09	2ND FLR IN STORAGE ROOM	OTH		12:18	15:18	180	10.0	10.0	10.0	1800	0.49	0.0
10	2ND FLR IN MEETING ROOM	OTH		12:20	15:20	180	10.0	10.0	10.0	1800	0.25	0.0
11	FIELD BLANK										0.00	
12	FIELD BLANK										0.00	
13	4TH FLR IN MAIN CORRIDOR	OTH		15:30	18:34	184	10.0	10.0	10.0	1840	0.10	0.0
14	4TH FLR IN EAST SIDE	OTH		15:31	18:35	184	10.0	10.0	10.0	1840	0.16	0.0
15	4TH FLR IN N/E SIDE	OTH		15:33	18:36	183	10.0	10.0	10.0	1830	<.10	<.0
16	4TH FLR IN WEST SIDE	OTH		15:34	18:37	183	10.0	10.0	10.0	1830	<.10	<.0

* OWA -Outside work area
PRE -Preabatement

IWA -Inside work area
OB -Outside building

ICR -Inside clean room
NGAE -Negative air exhaust

IFNL -Inside Finals
OTH -Other

OFNL -Outside Finals

Above samples analyzed by Phase Contrast Microscopy (PCM) per NIOSH 7400 Method (ELAP # 10955). Analyzed By: *[Signature]*

Athenica Environmental Services Inc. (AES) is responsible only for information pertaining to samples taken by its employees. AES shall not be liable for information arising from samples that are not in its QC and QA programs.

Spiro I. Donga
Laboratory Director

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel: (718) 784-7490

Fax: (718) 784-4085

PCM

TEM

☒

ABATEMENT

CHECK ONLY ONE BOX

Background

☐

Pre-Abatement

☐

Durrings

☐

Finals

Others (Explain)

Abatement

(CHECK ONLY ONE BOX)

SAMPLE ID#	LOCATION	TYPE *	PUMP	TIME		TOTAL MIN.	FLOW			VOLUME	FIBERS/ FIELD	F
				IN	OUT		BEFORE	AFTER	AVERAGE			
01	3rd floor) in main corridor	OTH		1155	1505	190	10	10	10	1900	24/100	
02	in Melissa's office			1158	1506	185	10	10	10	1880	10/100	
03	in Vane's office			1200	1507	187	10	10	10	1870	08/100	
04	in Greg Gregory's office			1202	1508	186	10	10	10	1860	11/100	
05	in the kitchen			1206	1509	193	10	10	10	1830	15/100	
06	2nd floor) in main corridor			1212	1515	183	10	10	10	1830	13/100	
07	↓			1213	1516	183	10	10	10	1830	12/100	
08	in Broker's office			1215	1517	182	10	10	10	1820	05/100	
09	in Storage Room			1218	1518	180	10	10	10	1800	49/100	
10	in the meeting Room			1220	1520	180	10	10	10	1800	25/100	
11	Left Blanks										00/100	
12											00/100	

BGA - Background

PRE - Preabatement

IWA - Inside Work Area

OB - Outside Building

ICR - Inside Clean Room

NGAE - Negative Air Exhaust

OWA - Outside work area

OTH - Other

OFNL - Outside Finals

IFNL - Inside Finals

CHAIN OF CUSTODY RECORD

RELINQUISHED BY:		DATE:	10-11-01	TIME:	0830 PM
RECEIVED BY:		DATE:	10.12.01	TIME:	
ANALYST:		DATE:	10.12.01	TIME:	

LABORATORY ACCREDITATION:

NVLAP# 101958 ELAP# 10955 METHOD: NIOSH 7400

WHITE-FILE/LAB YELLOW-CLIENT/REPORT PINK-FIELD

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel: (718) 784-7490

Fax: (718) 784-4085

PCM ☐ TEM ☒

CHECK ONLY ONE BOX

Background ☐ Pre-Abatement ☐ Durrings ☐ Finalis ☐ Others (Explain) ☐ Ambience

(CHECK ONLY ONE BOX)

CLIENT

SITE

46 Trinity place (NYC)

PROJECT NO. (ATHENICA FILE#)

DATE

10/11/01

PURPOSE OF MONITORING

TECHNICIAN

Mohamed d. vector

CASSETTE SIZE

LOT#

25 mm

ROTOMETER#

50101

BATCH#

01-10-0

TYPE-OF-RESPIRATOR

PROJECT MANAGER

N/A

AREAS OF

4th & 5th floors

ABATEMENT ☒Background ☐ Pre-Abatement ☐ Durrings ☐ Finalis ☐ Others (Explain) ☐ Ambience

(CHECK ONLY ONE BOX)

SAMPLE ID#	LOCATION	TYPE *	PUMP	TIME		TOTAL MIN.	FLOW			VOLUME	FIBERS/ FIELD	F
				IN	OUT		BEFORE	AFTER	AVERAGE			
13	(4th floor) in main corridor	OTH		1530	1834	184	10	10	10	1840	10/100	
14	in East side			1531	1835	184	10	10	10	1840	16/100	
15	NE side			1533	1836	183	10	10	10	1830	03/100	
16	in west side			1534	1837	183	10	10	10	1830	02/100	
17	SW side			1536	1838	182	10	10	10	1820	05/100	
18	(5th floor) in main corridor	OTH		1542	1845	183	10	10	10	1830	05/100	
19	in main corridor			1543	1846	183	10	10	10	1830	03/100	
20	in east side			1544	1847	183	10	10	10	1830	04/100	
21	in west side			1545	1848	183	10	10	10	1830	08/100	
22	NW side			1547	1849	182	10	10	10	1820	04/100	
23	Field Blanks										0/100	
24											0/100	

BGA - Background
PRE - PreabatementIWA - Inside Work Area
OB - Outside BuildingICR - Inside Clean Room
NGAE - Negative Air ExhaustOWA - Outside work area
OTH - OtherOFNL - Outside Finals
IFNL - Inside Finals

CHAIN OF CUSTODY RECORD

RELINQUISHED BY:

DATE: 10-11-01

TIME: 0830PM

RECEIVED BY:

DATE: 10.12.01

TIME:

ANALYST:

DATE: 10.12.01

TIME:

LABORATORY ACCREDITATION:

NVLAP# 101958 ELAP# 10955 METHOD: NIOSH 7400

WHITE-FILE/LAB YELLOW-CLIENT/REPORT PINK-FIELD

**CONSULTING
COMPANY
LICENSES**



STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
 License and Certificate Unit
 BUILDING 12, Room 161
 STATE CAMPUS
 ALBANY, NY 12240
ASBESTOS HANDLING LICENSE

LICENSE NUMBER: 99-0763
 DATE OF ISSUE: 7/25/01
 EXPIRATION DATE: 8/31/02

Contractor: ATHENICA ENVIRONMENTAL SERVICES INC.

Address: 45-09 GREENPOINT AVENUE
 LONG ISLAND CITY, NY 11104

Duly Authorized Representative: SPIRO DONGARIS

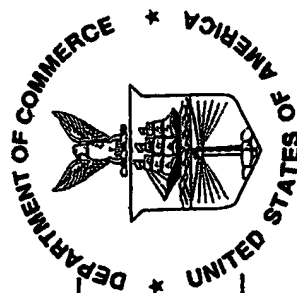
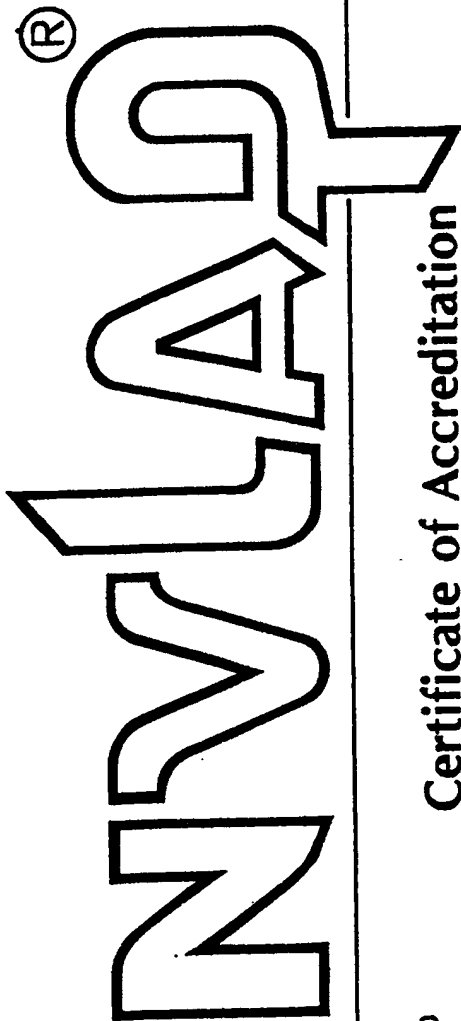
This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. The licensee verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

SH 432 (10-00)


 Richard Cucolo, Director
 FOR THE COMMISSIONER OF LABOR

United States Department of Commerce
National Institute of Standards and Technology



ISO/IEC GUIDE 25:1990
ISO 9002:1987

Certificate of Accreditation

ATHENICA ENVIRONMENTAL SERVICES, INC.
LONG ISLAND CITY, NY

is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria established in Title 15, Part 285 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of ISO 9002 (ANSI/ASQC Q92-1987) as suppliers of calibration or test results. Accreditation is awarded for specific services, listed on the Scope of Accreditation for:

BULK ASBESTOS FIBER ANALYSIS

June 30, 2002

Effective through

David F. Moberman

For the National Institute of Standards and Technology

NVLAP Lab Code: 101958-0

National Institute
of Standards and Technology



National Voluntary
Laboratory Accreditation Program

ISO/IEC GUIDE 25:1990
ISO 9002:1987

Scope of Accreditation



Page: 1 of 1

BULK ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101958-0

ATHENICA ENVIRONMENTAL SERVICES, INC.

45-09 Greenpoint Avenue
Long Island City, NY 11104
Mr. Spiro Dongaris

Phone: 718-784-7490 Fax: 718-784-4085

NVLAP Code

Designation

18/A01

EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk
Insulation Samples

June 30, 2002

Effective through

David F. Alderman

For the National Institute of Standards and Technology



Expires 12:01 AM April 01, 2001
Issued February 08, 2001

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE
Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. SPIRO DONGARIS
ATHENICA ENVIRONMENTAL SERVICES INC
45-09 GREENPOINT AVENUE
SUNNYSIDE NY 11104 USA

NY Lab Id No: 10955
EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material Method Not Specified
Asbestos in Non-Friable Materi Method Not Specified

Serial No.: 10386

Property of the New York State Department of Health. Valid only at the address shown.
Must be conspicuously posted. Valid certificates have a raised seal and may be
verified by calling (516)485-5570.

DOH-3317 (3/87)

Page 1 of 1

DOSH-442 (07/77)



STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

**ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES**

C (04/02), D (04/02), E (04/02)
G (04/02), H (04/02), I (04/02)

THERESA M VAZQUEZ

PII

11385

RICHARD CUOCOLO, Director - For the Commissioner of Labor

MUST BE CARRIED ON ASBESTOS PROJECTS

CERTIFICATE NUMBER

PII

NY State Department of Labor
DOSH - License and Certificate Unit
PO Box 587, New York, NY 10014-0587

159634C

If found return to:

New York City Dept. of
Environmental Protection
Asbestos Control Program
60-17 Junction Blvd. 6th
Floor Corona, NY 11368

This certificate must be
shown to a Department
representative upon
request. Report Loss
Immediately. Renew
license 60 days prior to
expiration date.

Tampering and or
alteration of this
certificate is a CRIMINAL
offense.

THERESA VAZQUEZ
060-62-0844
F 37 6-3 180
EXP. DATE: 4/23/02



**CITY OF
NEW YORK**



SUPERVISOR

CERTIFICATION NUMBER

NAME

VAZQUEZ

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C

159634C



ENVIRONMENTAL SERVICES INC.

**45-09 Greenpoint Avenue
Long Island City, N.Y. 11104**

**Tel (718) 784-7490
Fax (718) 784-4085**

October 17, 2001

**Coritsidis & Lambros
46 Trinity Place, 4th Floor
New York, NY 10006**

Attn: Mr. Michael N. Coritsidis - Tel# (212) 797-4600, Fax# (212) 797-4601

**Re: Ambient Asbestos Air Monitoring
46 Trinity Place
New York, NY 10006
AES File# 01-0505**

Dear Mr. Coritsidis:

As per your request, Athenica Environmental Services Inc. performed ambient air monitoring for asbestos at the above referenced site. The specific locations monitored were:

- 2nd Floor – East, West and Center
- 3rd Floor – East, West and Center
- 4th Floor – East, West and Center

The ambient air samples were collected by Athenica Environmental Services, Inc. in the aforementioned areas and transferred to Athenica's Laboratory, via chain-of-custody procedures. Athenica Environmental Inc. Laboratory analyzed all collected samples using Phase Contrast Microscopy (PCM) and Transmission Electron Microscopy (TEM). Athenica's laboratory is accredited by the New York State Department of Health under their Environmental Laboratory Approval Program (ELAP ID# 10955) and by the National Institute of Standards and Technology (NIST) under their National Voluntary Laboratory Accreditation Program (NVLAP Laboratory ID 1958).

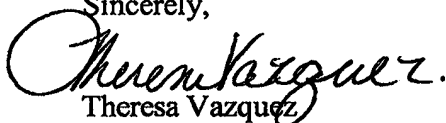
The samples were analyzed via Phase Contrast Microscopy (PCM) and Transmission Electron Microscopy (TEM) in accordance with applicable Federal, New York State and New York City rules and regulations.

Ambient Asbestos Air Monitoring
46 Trinity Place
New York, NY 10006
AES File# 01-0505

The results of the analyses of these sample indicated airborne concentrations to be less than 70 structures per cubic centimeter of air by TEM analysis. 70 structures per cubic centimeter is the standard for clean air for re-occupancy in areas affected by asbestos abatement. Based on our monitoring results, these spaces met the re-occupancy criteria.

Should you have any questions, please feel free to contact me at (718) 784 - 7490.

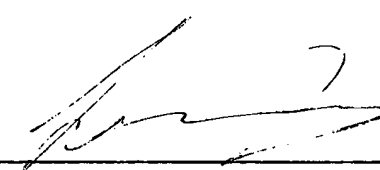
Sincerely,



Theresa Vazquez

Project Manager

Reviewed by :



Spiro Dongaris
Vice President

BULK SAMPLE RESULTS AND CHAIN OF CUSTODY


Athenica

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490

Fax. (718) 784-4885

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Coritsidis & Lambros

LABORATORY ID #: T01-10-010

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.01003

PROJECT: 46 Trinity Place

DATE OF REPORT: 10/17/01

DATE OF ANALYSIS: 10/16/01

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.55<5µm	AIR CONC. FOR STRUCT. 5-5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
07	T01-10-010-1664	4 th floor, center	1800	5	0.0502	0.0043	<0.0043	<19.94	NA	NA	NA	NA
08	T01-10-010-1665	4 th floor, east side	1800	5	0.0502	0.0043	<0.0043	<19.94	NA	NA	NA	NA
09	T01-10-010-1666	4 th floor, west side	1800	5	0.0502	0.0043	<0.0043	<19.94	NA	NA	NA	NA
10	T01-10-010-1667	5 th floor, east side	1830	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA
11	T01-10-010-1668	5 th floor, center	1830	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA
12	T01-10-010-1669	5 th floor, west side	1830	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA

ANALYST

LABORATORY DIRECTOR

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a true duplicate analysis.
- If AES Inc., did not conduct the sampling, the reported airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AES Inc.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel. (718) 784-7490
 Fax. (718) 784-4885

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Coritsidis & Lambros

LABORATORY ID #: T01-10-010

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.01003

PROJECT: 46 Trinity Place

DATE OF REPORT: 10/17/01

DATE OF ANALYSIS: 10/16/01

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (struct./mm ²)	AIR CONC. FOR STRUCT. 0.5 ≤ S < 5 μm	AIR CONC. FOR STRUCT. S ≥ 5.0 μm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T01-10-010-1658	2 nd floor, center	1850	5	0.0502	0.0041	<0.0041	<19.94	NA	NA	NA	NA
02	T01-10-010-1659	2 nd floor, west side	1840	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA
03	T01-10-010-1660	2 nd floor, east side	1830	5	0.0502	0.0042	0.0042	19.94	0.0042	<0.0042	Chrys.	NA
04	T01-10-010-1661	3 rd floor, east side	1820	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA
05	T01-10-010-1662	3 rd floor, center	1810	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA
06	T01-10-010-1663	3 rd floor, west side	1810	5	0.0502	0.0042	<0.0042	<19.94	NA	NA	NA	NA

ANALYST

LABORATORY DIRECTOR

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a true duplicate analysis.
- If AES Inc. did not conduct the sampling, the reported airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AES Inc.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.