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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-09-099
ANALYT. METHODOLOGY: AIBRA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 59 Murray St/65 W. Broadway
DATE OF REPORT: 09/27/02
DATE OF ANALYSIS: 09/27/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (struct./cm ²)	AIR CONC. FOR STRUCT. (fem./cm ³)	AIR CONC. FOR STRUCT. (fem./cm ³)	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
001	T02-09-099-2576	Murray St. 1 st E	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
002	T02-09-099-2577	Murray St. 2 nd E	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
003	T02-09-099-2578	Murray St. Mid	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
004	T02-09-099-2579	Murray St. 1 st W	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
005	T02-09-099-2580	Murray St. 2 nd W	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA

ANALYST
E. Sioukri

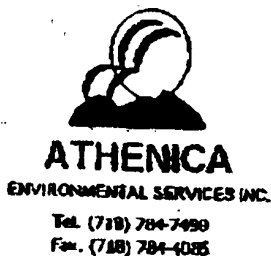
LABORATORY DIRECTOR
Spiro Donganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101954, 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.

09/30/2002 12:36 FAX 7187844055

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-09-099
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.F.
 AVERAGE G.O. AREA (mm^2): 0.013838

PROJECT: NYC DEP, 59 Murray St./65 W. Broadway
 DATE OF REPORT: 09/27/02
 DATE OF ANALYSIS: 09/27/02
 EFFECTIVE FILTER AREA (mm^2): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm^2)	ANALYT. SENSITIV. (struc./cm^2)	TOTAL ASBESTOS AIR CONC. (struc./cm^3)	TOTAL ASBESTOS FILTER CONC. (gr./mm^2)	AIR CONC. FOR STRUCT. (gr./cc)	AIR CONC. FOR STRUCT. (gr./cc)	ASBEST. TYPE CHNYS.	AMPHIB. ASBEST. TYPE SPECIFY
009	T02-09-099-2581	W. Broadway 1 st S	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
010	T02-09-099-2582	W. Broadway 2 nd S	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
011	T02-09-099-2583	W. Broadway Mid.	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
012	T02-09-099-2584	W. Broadway 1 st N	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
013	T02-09-099-2585	W. Broadway 2 nd N	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA

E. Sioukri

ANALYST
E. Sioukri

[Signature] For S.D.
 LABORATORY DIRECTOR
 Spiro Dongaris

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.

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**228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0630**

WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 1 OF 2

P.O.

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a

CLIENT:

PROJECT: *53 Murray Ave*

LOCATION: Building's Exterior & roof

W&P FILE #: 1079-01.01

LABORATORY: *Athens*

CONTACT: *Mike Nolan*

ANALYSIS METHOD: PCM TEM TEM
circle one 7400 ~~ANER~~ EPA LEVEL II

TECHNICIAN: FLYNN, J. K.

[illegible]

COMMENTS:

T02-09-099

SAMPLE BY: <u>FANN STEIN</u>	DATE: <u>9/26/01</u>
SIGNATURE: <u>[Signature]</u>	
RELEASED BY: <u>FANN STEIN</u>	DATE: <u>9/24/01</u>
SIGNATURE: <u>[Signature]</u>	
RECEIVED BY: <u>A. CASTIGAR</u>	DATE: <u>9/27/02</u>
SIGNATURE: <u>[Signature]</u>	

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

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228 East 45th Street
New York, NY 10017
(212) 922-8877
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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 2 OF 2

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a

P.O. _____

CLIENT: SBPW&P FILE #: 1072-01.01PROJECT: 59 Murray St/66 W BroadwayLABORATORY: AthenaCONTACT: Mike NortonLOCATION: Building Exterior roofANALYSIS METHOD: PCM TEM TEM
circle one 7400 AHERA EPA LEVEL IITECHNICIAN: Fainstein

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE		TIME		TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
				START	STOP	ON	OFF			
009	W Broadway 1 st S	3		6	6	8-00	12-00	240	2440	
010	" " 2 nd S	3		"	"	8-01	12-01	"	"	
011	" " Mid.	3		"	"	8-02	12-02	"	"	
012	" " 1 st N	3		"	"	8-03	12-03	"	"	
013	" " 2 nd N	3		"	"	8-04	12-04	"	"	
014		1								
015	<u>Blank</u>	1								
016		1								

COMMENTS:

T02-09-099

SAMPLE BY: <u>FAINSTEIN</u>	DATE: <u>9/26/02</u>
SIGNATURE: <u>[Signature]</u>	
RELEASED BY: <u>FAINSTEIN</u>	DATE: <u>9/26/02</u>
SIGNATURE: <u>[Signature]</u>	
RECEIVED BY: <u>ACASIGAL</u>	DATE: <u>9/27/02</u>
SIGNATURE: <u>[Signature]</u>	

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

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