


ATHENICA

ENVIRONMENTAL SERVICES INC.

 TEL (718) 784-7490
 FAX (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-10-068

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 15 Maiden Lane

DATE OF REPORT: 10/12/02

DATE OF ANALYSIS: 10/12/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (M)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (structure)	TOTAL ASBESTOS AIR CONC. (structure)	TOTAL ASBESTOS FILTER CONC. (structure)	AIR CONC. FOR STRUCT. (0.7-5.0µm)	AIR CONC. FOR STRUCT. (2.5-10µm)	ASBEST. TYPE CHRYS.	ASBEST. TYPE SPECTRY
01	T02-10-068-3028	Below roof	1800	4	0.0554	0.0039	<0.0039	<18.07	NA	NA	NA	NA
02	T02-10-068-3029	Balance to roof	1800	4	0.0554	0.0039	<0.0039	<18.07	NA	NA	NA	NA
03	T02-10-068-3030	South side of facade	1800	4	0.0554	0.0039	0.0039	18.07	0.0039	<0.0039	Chrys.	NA
04	T02-10-068-3031	East side of facade	1800	4	0.0554	0.0039	<0.0039	<18.07	NA	NA	NA	NA
05	T02-10-068-3032	West side of facade	1800	4	0.0554	0.0039	<0.0039	<18.07	NA	NA	NA	NA

ANALYST

R. Shoukri

E. Shoukri

LABORATORY DIRECTOR

Spin Dongaris

Spin 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.
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- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

022

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New York, NY 10017
(212) 922-0077
Fax (212) 922-0530**

P.O.

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

CLIENT: NYC DEP
PROJECT: HACR-02
LOCATION: 12 MADISON LANE

W&P FILE #: 1079-01--02
TURN AROUND:
TECHNICIAN: *15074 Mena, J*

Analysis Method: PCM - 7400
(circle one) ~~TEM - EPA LEVEL II~~ ~~TEM - EPA LEVEL I~~

[illegible]

TOZ-10-068

SAMPLED BY:	FE817	DATE:	10-11-02
SIGNATURE:	<i>[Signature]</i>		
RELEASED BY:	FE817	DATE:	10-11-02
SIGNATURE:	<i>[Signature]</i>		
RECEIVED BY:	FE817	DATE:	10-12-02
SIGNATURE:	<i>[Signature]</i>		

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

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490
Fax. (718) 784-4055**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-10-094

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013838PROJECT: NYC DEP, 15 Maiden Lane
DATE OF REPORT: 10/14/02
DATE OF ANALYSIS: 10/14/02
EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB ID #	LOCATION	VOLUME (m ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (fibre/cm ²)	TOTAL ASBESTOS AIR CONC. (fibre/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibre/mm ²)	AIR CONC. FOR STRICT. 100µm	AIR CONC. FOR STRICT. 250µm	ASBEST. TYPE CHRS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-10-084-3106	Basement of 15 Maiden Lane	1350	5	0.0692	0.0041	<0.0041	<14.45	NA	NA	NA	NA
02	T02-10-084-3107	6 th fl. north side of 15 Maiden	1350	5	0.0692	0.0041	0.0041	14.45	0.0041	<0.0041	Chrs.	NA
03	T02-10-084-3108	6 th fl. north side of 15 Maiden	1350	5	0.0692	0.0041	<0.0041	<14.45	NA	NA	NA	NA
04	T02-10-084-3109	6 th fl. north side of 15 Maiden	1350	5	0.0692	0.0041	<0.0041	<14.45	NA	NA	NA	NA
05	T02-10-084-3110	6 th fl. north side of 15 Maiden	1350	5	0.0692	0.0041	<0.0041	<14.45	NA	NA	NA	NA

ANALYST

E. Dimickas

LABORATORY DIRECTOR

Spilo Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10935

- Athenica Environmental Services Inc. (AES) is responsible only for information pertaining to samples taken by its employees.
- As sampling sessions 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.
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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

(24 hr⁺/a)

12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate⁺/a

PAGE ____ OF ____
P.O. _____

CLIENT: P.E. P
PROJECT: 15 WARREN LN.
LOCATION: FRONT (sidewalk 20 ft x 20 ft)

W&P FILE #: 1079-01.02
LABORATORY: _____
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 REFERENCE EPA LEVEL II
TECHNICIAN: EDWARD D. D. D. D.

CONTACT: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
01	POINT of 15 WARREN LN.	3	1	5	5	0900	1330	270	1350	
02	6th Fl. Roof Northside of Warren	3	2	5	5	0910	1340	270	1350	
03	" " " "	3	3	5	5	0912	1342	270	1350	
04	" " " "	3	4	5	5	0913	1343	270	1350	
05	" " " "	3	5	5	5	0915	1345	270	1350	
06	Blank	1								
07	Blank	1								
08	Blank	1								

COMMENTS:

T02-10-084

SAMPLE BY: EDWARD D. D. D. DATE: 10/13/02
SIGNATURE: _____
RELEASED BY: EDWARD D. D. D. DATE: 10/13/02
SIGNATURE: _____
RECEIVED BY: E. S. S. S. DATE: 10/14/02
SIGNATURE: _____

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

10/15/2002 17:34 FAX

007

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7496
Fax. (718) 784-0885

CLIENT: Warren & Parzer Engineers, P.C.

LABORATORY ID #: T02-10-088

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013838**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

PROJECT: NYCDHP, 15 Maiden Lane

DATE OF REPORT: 10/14/02

DATE OF ANALYSIS: 10/14/02

EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (m ³)	G.O.'s ANAL. YZED	AREA ANALY. ZED (mm ²)	ANALYT. SENSITV. (detection)	TOTAL ASBESTOS AIR CONC. (detection)	TOTAL ASBESTOS FILTER CONC. (detection)	AIR CONC. FOR STRUCT. 0.45-4.5µm	AIR CONC. FOR STRUCT. 5.0-10µm	ASBEST. TYPE CHYS.	ASBEST. TYPE SPECIES
01	T02-10-088-3126	Basal facade 1	1800	4	0.0554	<0.0039	<0.0039	<18.07	NA	NA	NA	NA
02	T02-10-088-3127	Basal facade 2	1800	4	0.0554	<0.0039	<0.0039	<18.07	NA	NA	NA	NA
03	T02-10-088-3128	East facade 3	1800	4	0.0554	<0.0039	<0.0039	<18.07	NA	NA	NA	NA
04	T02-10-088-3129	Below roof	1800	4	0.0554	<0.0039	<0.0039	<18.07	NA	NA	NA	NA
05	T02-10-088-3130	Entrance to roof	1800	4	0.0554	<0.0039	0.0039	18.07	<0.0039	0.0039	Chys.	NA

ANALYST
E. Dimitrakas

LABORATORY DIRECTOR
Spiro Donagis**LABORATORY CERTIFICATION NUMBERS: NYLAP 101958, ELAP 10955**

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling activities will be stored for sixty (60) days. AES Inc. should be notified within this time frame for a non 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.
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- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount on the invoice.

10/15/2002 17:34 FAX

008

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(212) 922-0827
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WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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

PAGE ____ OF ____
P.O. _____

CLIENT: NYC DEP
PROJECT: FACADE
LOCATION: 15 MARDEN LANE

W&P FILE #: 1079-01-02
LABORATORY: ATKINSON
ANALYSIS METHOD: PCM PERM TEM
circle one 7400 AMBIENT EPA LEVEL II
TECHNICIAN: FERRY OCEANUS

CONTACT: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (lb./cc.)
01	FAÇADE	3		5	0800	1400	360	1800	
02	" "	3		5	0802	1402	360	1800	
03	" "	3		5	0804	1404	360	1800	
04	BELOW ROOF	3		5	0806	1406	360	1800	
05	ENTRANCE TO ROOF	3		5	0808	1408	360	1800	
06	BLANK								
07	" "								
08	" "								

COMMENTS:

702.010.088

SAMPLE BY: FERRY OCEANUS DATE: 10-13-02
SIGNATURE: [Signature]
RELEASED BY: FERRY OCEANUS DATE: 10-15-02
SIGNATURE: [Signature]
RECEIVED BY: [Signature] DATE: 10/14/02
SIGNATURE: [Signature]

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

10/15/2002 17:33 FAX

003

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel: (718) 784-7490
Fax: (718) 784-6985**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-10-090

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.B.

AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 15 Maiden Lane / 18 John Street

DATE OF REPORT: 10/15/02

DATE OF ANALYSIS: 10/15/02

EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O. % ANAL. YZED	AREA ANALY ZED (mm ²)	ANALYT. SENSITIVITY (fug./cm ³)	TOTAL ASBESTOS AIR CONC. (fug./cm ³)	TOTAL ASBESTOS FILTER CONC. (fug./mm ²)	AIR CONC. FOR STRICT. 0.55-0.9µm	AIR CONC. FOR STRICT. 3-25µm	ASBEST. TYPE, CHYS.	AMPHIB. ASBEST. TYPE, SPT/THO
01	T02-10-090-3136	North east facade #1	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
02	T02-10-090-3137	North east facade #2	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
03	T02-10-090-3138	At center of north east facade	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
04	T02-10-090-3139	South east facade #3	1755	4	0.0554	0.0040	<0.0040	<18.07	NA	NA	NA	NA
05	T02-10-090-3140	South east facade #4	1360	4	0.0554	0.0050	<0.0050	<18.07	NA	NA	NA	NA

ANALYST

R. Dimitrakas

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

LABORATORY DIRECTOR

Spino Domingas

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002

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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 1 OF 1

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

P.O.

CLIENT: NYC DEP
PROJECT: ~~Bridge~~
LOCATION: 15 Madison Avenue, 15th Floor

W&P FILE #: 1079-01-02
LABORATORY:
ANALYSIS METHOD: PCM
TECHNICIAN: CHETNEY, LAMBERT

CONTACT: P. Nolan
LWR#:
SCA JOB#:

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc.)
01	North and Facade #1	3		7.2		12:50	16:50	240	1580	
02	North and Facade #2	3		7.2		13:51	16:51	240	1680	
03	At Center of North and Facade	3		7.2		13:53	16:53	240	1680	
04	South and Facade #3	3		9		13:40	16:55	195	1755	
05	South and Facade #4	3		7.5		13:52	16:56	184	1380	
06	FREE-9									
07	FREE-9									
08	BLANK									

COMMENTS:

T02-10-080

SAMPLE BY: ~~Chetney~~ Lambert
SIGNATURE: ~~Chetney~~ Lambert
DATE: 10/14/02
RELEASED BY: ~~Chetney~~ Lambert
SIGNATURE: ~~Chetney~~ Lambert
DATE: 10/14/02
RECEIVED BY: ~~AGN~~
SIGNATURE: ~~AGN~~
DATE: 10/15/02

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

10/17/2002 11:46 FAX

006


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel. (718) 784-7490
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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-10-103

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 18 John Street

DATE OF REPORT: 10/16/02

DATE OF ANALYSIS: 10/16/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (str./mm ²)	TOTAL ASBESTOS AIR CONC. (air mc./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S>5µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-10-103-3201	At staircase (roof entrance)	1680	4	0.0554	0.0041	0.0041	18.07	0.0041	<0.0041	Chrys.	NA
02	T02-10-103-3202	East side of roof	1680	1	0.0138	0.0166	0.0166	289.06	0.0497	0.0331	Chrys.	NA
03	T02-10-103-3203	South east side of roof	1680	4	0.0554	0.0041	0.0041	18.07	0.0041	<0.0041	Chrys.	NA
04	T02-10-103-3204	Middle of roof	1680	2	0.0277	0.0083	0.0083	180.66	0.0331	0.0083	Chrys.	NA
05	T02-10-103-3205	West side of roof	1680	3	0.0415	0.0055	0.0031	144.53	0.0110	0.0221	Chrys.	NA

ANALYST

E. Dimitrakas

LABORATORY DIRECTOR

Spiro Douganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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

	24 hr ⁺ /a	12 hr ⁺ /a	6 hr ⁺ /a	3 hr ⁺ /a	Immediate ⁺ /a
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CLIENT: DEF

PROJECT: ROOFS / FACADE

LOCATION: 18 JOHN ST. 2ND FL. DOOR

W&P FILE #: 1079.01-02

LABORATORY:

ANALYSIS METHOD:

circle one
7400

TECHNICIAN: EDWIN B. ELLIS III

CONTACT:

[illegible]

COMMALEATC.

T02-10-103

SAMPLE BY: E. Ellis, JR. DATE: 10/15/62

SIGNATURE: Edna B. Glick TP

RELEASED BY:

DATE: _____

SIGNATURE:

RECEIVED BY: A.C. AT 1/6/21

DATE: 10/18/07

SIGNATURE:

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

10/11/2002 11:41 FAX

008


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 794-7499

Fax. (718) 794-4085

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-10-104

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.R.

 AVERAGE G.O. AREA (mm²): 0.06388

PROJECT: NYC DEP, 18 John Street

DATE OF REPORT: 10/16/02

DATE OF ANALYSIS: 10/16/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (struc./cm ²)	TOTAL ASBESTOS AIR CONC. (struc./cm ²)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.5-5.0µm	AIR CONC. FOR STRUCT. 5-20.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECTRY
011WA	T02-10-104-3206	TWA bottom of W/A center of W/A	1305	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
021WA	T02-10-104-3207	TWA bottom of W/A north section of W/A	1305	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
031WA	T02-10-104-3208	TWA bottom of W/A west section of W/A	1305	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
041WA	T02-10-104-3209	TWA bottom of W/A south west section of W/A	1305	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
050WA	T02-10-104-3210	OWA on stairwell leading to bottom of W/A. 9ft. of door entrance	1305	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA

E. Dimitrakas

Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Pauzer Engineers, P.C.

LABORATORY ID #: T02-10-105

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 18 John Street

DATE OF REPORT: 10/17/02

DATE OF ANALYSES: 10/17/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (fibre/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibre/mm ²)	AIR CONC. FOR STRUCT. 0.55-5µm <0.0043	AIR CONC. FOR STRUCT. ≥5.0µm 0.0043	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
011WA	T02-10-105-3211	IWA bottom of WA center of WA	1620	4	0.0554	0.0043	0.0043	18.07	<0.0043	0.0043	Chrys.	NA
021WA	T02-10-105-3212	IWA bottom of WA east section of WA	1620	4	0.0554	0.0043	0.0043	18.07	0.0043	<0.0043	Chrys.	NA
031WA	T02-10-105-3213	IWA bottom of WA west section of WA	1620	4	0.0554	0.0043	<0.0043	<18.07	NA	NA	NA	NA
041WA	T02-10-105-3214	IWA bottom of WA south section of WA	1620	4	0.0554	0.0043	<0.0043	<18.07	NA	NA	NA	NA
050WA	T02-10-105-3215	OWA on hallway leading to WA 8th. of door entrance	1620	4	0.0554	0.0043	<0.0043	<18.07	NA	NA	NA	NA

E. Sioukri

 ANALYST
R. Sioukri

 LABORATORY DIRECTOR
Spiro Drungaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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2228 East 45th Street
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(212) 922-0077
Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

P.O.

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

CLIENT: NYC D.E.P.

W&P FILE #: 1079.91.02

LABORATORY: Mannan and Larzer.
PROJECT: DE Pseudomonas Incubation

LOCATION: 18 John St. N.Y. NY.
ANALYSIS METHOD: circle one ☒ TEM ☐ AHERA ☐ TEM ☐ TEM
PCMI 7400 AHERA LEVEL II

TECHNICIAN: *Yury Sedin.*

in the Basement.

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (mg./cc.)
1 IWA.	Bottom of M.A. Center of W.A.	3		3.0 3.0	9:25 18:25	540	1620	
2 IWA.	Bottom of M.A. East Section of W.A.	3		3.0 3.0	9:27 18:27	540	1620	
3 IWA.	Bottom of M.A. West Section of W.A.	3		3.0 3.0	9:29 18:29	540	1620	
4 IWA.	Bottom of M.A. South Section of W.A.	3		3.0 3.0	9:31 18:31	540	1620	
5 OWA	on Highway leading to W.A.	3		3.0 3.0	9:33 18:33	540	1620	
6 -	Field Blank	1						
7 -	Field Blank	1						
8 -	Sealed Blank	1						

COMMENTS:

SAMPLE BY: Yury Bedin. DATE: 10-16-02.

SIGNATURE: Yusef Bodin

RELEASED BY: J. Yurky Beard. DATE: 10-16-72
SIGNATURE: [Signature] DATE: 10-22-72

RECEIVED BY: AL CATTIACK DATE: 1-17-62
100-100000-1433PM

SIGNATURE: A. C. [Signature]

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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ATHENICA

ENVIRONMENTAL SERVICES INC.

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

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-10-103

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 18 John Street

DATE OF REPORT: 10/16/02

DATE OF ANALYSIS: 10/16/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (street/cu m ³)	TOTAL ASBESTOS AIR CONC. (street/cu m ³)	TOTAL ASBESTOS FILTER CONC. (street/cu m ³)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S≥5µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-10-103-3201	At staircase (roof entrance)	1680	4	0.0554	0.0041	0.0941	18.07	0.0041	<0.0041	Chrys.	NA
02	T02-10-103-3202	East side of roof	1680	1	0.0138	0.0166	0.0166	289.06	0.0497	0.0331	Chrys.	NA
03	T02-10-103-3203	South east side of roof	1680	4	0.0554	0.0041	0.0041	18.07	0.0041	<0.0041	Chrys.	NA
04	T02-10-103-3204	Middle of roof	1680	2	0.0277	0.0083	0.0083	180.66	0.0331	0.0083	Chrys.	NA
05	T02-10-103-3205	West side of roof	1680	3	0.0415	0.0055	0.0331	144.53	0.0110	0.0221	Chrys.	NA

 ANALYST
 E. Dimitrakas

 LABORATORY DIRECTOR
 Spiro Donganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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**ATHENICA**

ENVIRONMENTAL SERVICES INC.

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Fax. (718) 794-4065

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Pauzer Engineers, P.C.

LABORATORY ID #: T02-10-106

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.01388

PROJECT: NYC DEP, 18 John Street

DATE OF REPORT: 10/18/02

DATE OF ANALYSIS: 10/18/02

EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O. % ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (detect/cm ²)	TOTAL ASBESTOS AIR CONC. (struc./cm ³)	TOTAL ASBESTOS FILTER CONC. (struc./mm ²)	AIR CONC. FOR 0.55-5µm	AIR CONC. FOR 5-2.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
011WA	T02-10-106-3216	Bottom of WA center of WA	1305	5	0.0692	0.0043	0.0043	14.45	0.0043	<0.0043	Chrys.	NA
021WA	T02-10-106-3217	Bottom of WA south east of WA	1305	5	0.0692	0.0043	0.0298	101.17	0.0171	0.0128	Chrys.	NA
031WA	T02-10-106-3218	Bottom of WA west section of WA	1305	5	0.0692	0.0043	0.0128	43.36	0.0085	0.0043	Chrys.	NA
041WA	T02-10-106-3219	Bottom of WA north west of WA	1305	5	0.0692	0.0043	0.0171	57.81	0.0085	0.0085	Chrys.	NA
050WA	T02-10-106-3220	OWA on stairway leading to WA 9ft. of door entrance	1305	5	0.0692	0.0043	0.0171	57.81	0.0171	<0.0043	Chrys.	NA

ANALYST
E. Dimitrakas

LABORATORY DIRECTOR
Spiro Dargaris
LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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**228 East 45th Street
New York, NY 10017
(212) 822-0077
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WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

Fax (212) 922-1030

24 hr⁺/a

Immediate +/a

ॐ

CLIENT: **NYC D.E.P.**

W&P FILE #: 10798102

LABORATORY: Wapner and Panzer.

PROJECT: D.E.-Implying: Clearing
LOCATION: 18 John St. Apt. 41.

ANALYSIS METHOD:

ASHRAE EPA LEVEL II

Facade of Basement.

TECHNICIAN: Yup Bedin.

[illegible]

COMMENTS:

SAMPLE BY: Yurid Bedin. DATE: 10-17-02.

SIGNATURE: Umay Badi.

RELEASED BY: J. J. B. B. B. DATE: 10-17-02.

SIGNATURE: James B. Babin Released: 8:00 PM

RECEIVED BY: A. G. ALEX DATE: 10/19/02

SIGNATURE: U. G. P.

901-01-701

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

Asbestos Inspection Report

Premise No. 15 MAIDEN LANE AKA 18 JOHN STREET AKA 22 JOHN STREET					Inspection Date: AS NOTED	
Floor ROOF AND FACADE	Zip 10038	Borough 1	Block	Lot	Squad # N/A	Badge # A020
Inspector Dennis Antzoulatos		Building Type		Basis of Inspection WTC Survey		Photos Taken ☒ Yes ☐ No
Contractor's Name Benjamin Kurzban & Son Control				Sample Number N/A		
Address City 1248 Ralph Avenue, Brooklyn				Sample Number N/A		
State Zip Phone NY 11236 (718)531-2900				Sample Number N/A		
Laboratory Name Warren & Panzer Engineers Inc.				Owner's Name		
Address City 228 East 45 Street New York				Address City		
State Zip Phone NY 10017 (212) 922-0077				State Zip Phone		
Contact Person				Time of Inspection from: AS NOTED		

WEDNESDAY OCTOBER 2 2002

THE HANGING SCAFFOLD IS ERECTED ON THE NORTH (REAR) FACADE OF THE 15 MAIDEN LANE PORTION OF THE BUILDING. THIS FACADE FACES THE BACK OF 20 JOHN STREET.

THURSDAY OCTOBER 3 2002

THE CLEAN UP OF THE NORTH FACADE OF 15 MAIDEN LANE BEGAN TODAY. AIR SAMPLING WAS PERFORMED BY WARREN & PANZER ENGINEERS.

SATURDAY OCTOBER 5 2002

THE CLEAN UP OF THE SOUTH FACADE, EAST FACADE AND ROOF AREAS OF THE 15 MAIDEN LANE PORTION OF THE BUILDING BEGAN TODAY. THE FACADE CLEAN UP ON THE SOUTH FACADE INVOLVED THE HEPA VACUUMING AND POWER WASHING OF THE FACADE SURFACES. A PLASTIC DYKE WAS CONSTRUCTED ON TOP OF THE SIDE WALK SHED TO COLLECT WATER RUN OFF. AIR SAMPLING FOR THIS PORTION OF THE CLEAN UP PROJECT WAS PERFORMED BY EDMAN DIBRA (CERTIFICATE # AH 01-12337 EXP 02/03). THE CLEAN UP OF THE EAST FACADE OF 15 MAIDEN LANE WAS LIMITED TO THE HEPA VACUUMING AND WET WIPING OF WINDOW SURFACES AND WINDOW LEDGES. THE FIRST OF THREE DROPS WAS COMPLETED TODAY. AIR SAMPLING FOR THIS PORTION OF THE CLEAN UP WAS PERFORMED BY FESLY OSEMWEIGIE (CERTIFICATE # AH 01-01030 EXP 01/03). THE CLEAN UP OF THE ROOF AREAS OF 15 MAIDEN LANE WAS PERFORMED. AIR SAMPLING FOR THIS PORTION OF THE CLEAN UP WAS PERFORMED BY FESLY OSEMWEIGIE OF WARREN & PANZER ENGINEERS. I CONDUCTED A VISUAL INSPECTION OF THE ROOF WORK AREAS AT THE CONCLUSION OF THE CLEAN UP ACTIVITIES AND I OBSERVED NO VISIBLE WTC DEBRIS. THE VISUAL INSPECTIONS FOR THE SOUTH AND EAST FACADES WERE PERFORMED BY EDMAN DIBRA AND FESLY OSEMWEIGIE RESPECTIVELY.

Asbestos Inspection Report

Premise No. 15 MAIDEN LANE AKA 18 JOHN STREET AKA 22 JOHN STREET	Inspection Date: AS NOTED
Inspector Dennis Antzoulatos	Page <u>2</u> of <u>3</u>

SATURDAY OCTOBER 5 2002 (CONTINUED)

BOTH FACADE SEGMENT PASSED THEIR VISUAL INSPECTION. THE NORTH FACADE CLEAN UP OF 22 JOHN STREET ALSO OCCURRED. THE NORTH FACADE CLEAN UP OF 24 JOHN STREET (THE ADJACENT BUILDING) WAS PERFORMED SIMULTANEOUSLY. A PLASTIC DYKE WAS CONSTRUCTED TO COLLECT WATER RUN OFF. FOR THE PURPOSES OF AIR MONITORING THE NORTH FACADES OF THESE TWO BUILDINGS WERE TREATED AS ONE WORK AREA. AIR SAMPLING FOR THIS PORTION OF THE CLEAN UP WAS PERFORMED BY CHETRAM RAMRAJ (CERTIFICATE # AH 98-19842 EXP 01/03). AT THE CONCLUSION OF THE CLEAN UP ACTIVITIES CHETRAM RAMRAJ PERFORMED A VISUAL INSPECTION OF THE CLEANED FACADE SURFACES AND HE OBSERVED NO VISIBLE WTC DEBRIS. AIR SAMPLING EQUIPMENT WAS SET UP ON THE OPPOSITE SIDEWALK.

SUNDAY OCTOBER 6 2002

THE CLEAN UP OF THE SOUTH FACADE OF 15 MAIDEN LANE WAS COMPLETED. A PLASTIC DYKE WAS CONSTRUCTED TO COLLECT RUN OFF WATER. AIR SAMPLING WAS PERFORMED BY EDMAN DIBRA OF WARREN & PANZER. THE CLEAN UP OF THE NORTH FACADE OF 18 JOHN STREET WAS PERFORMED. THE CLEAN UP OF THE NORTH FACADE OF 20 JOHN STREET OCCURRED SIMULTANEOUSLY. FOR THE PURPOSES OF AIR MONITORING, THE NORTH FACADES OF THESE TWO BUILDINGS WERE TREATED AS ONE WORK AREA. A PLASTIC DYKE WAS CONSTRUCTED TO COLLECT WATER RUN OFF. AIR SAMPLING FOR THIS PORTION OF THE CLEAN UP PROJECT WAS PERFORMED BY CHETRAM RAMRAJ OF WARREN & PANZER. AIR SAMPLING EQUIPMENT WAS SET UP ON THE OPPOSITE SIDEWALK. A DECONTAMINATION TRUCK WAS UTILIZED FOR WORKER DECONTAMINATION. A HANGING SCAFFOLD WAS USED TO ACCESS THE FACADE SURFACES OF 18 JOHN STREET'S NORTH FACADE. ALL FACADE SURFACES WERE THOROUGHLY VACUUMED OF BULK WTC DEBRIS PRIOR TO THE POWER WASHING OF THE FACADE SURFACES. AT THE CONCLUSION OF THE CLEANING ACTIVITIES I CONDUCTED A VISUAL INSPECTION OF THE CLEANED SURFACES AND I OBSERVED NO VISIBLE WTC DEBRIS.

MONDAY OCTOBER 7 2002

THE CLEAN UP OF THE ROOF AREA OF THE 18 JOHN STREET PORTION OF THE BUILDING WAS PERFORMED. AIR MONITORING FOR THIS PORTION OF THE CLEAN UP WAS PERFORMED BY WARREN & PANZER ENGINEERS.

TUESDAY OCTOBER 8 2002 TO THURSDAY OCTOBER 10 2002

THE CLEAN UP OF THE INTERIOR FACADE SURFACES (SHAFTWAY) FACING THE ADJACENT PREMISE, 9-11 MAIDEN LANE, WAS PERFORMED. AIR SAMPLING FOR THIS PORTION OF THE CLEAN UP WAS PERFORMED BY JESSE CSEMUEGIE OF WARREN & PANZER ENGINEERS. AIR SAMPLING EQUIPMENT WAS SET UP ON THE ROOF OF 18 JOHN STREET (CLEANED OCTOBER 9, 2002).

Asbestos Inspection Report

Premise No. 15 MAIDEN LANE AKA 18 JOHN STREET AKA 22 JOHN STREET	Inspection Date: AS NOTED
Inspector Dennis Antzoulatos	Page <u>3</u> of <u>3</u>

MONDAY OCTOBER 14 2002

THE CLEAN UP OF THE EAST FACADE OF THE 15 MAIDEN LANE PORTION OF THE BUILDING WAS COMPLETED (THIRD DROP OF THREE). THE CLEAN UP OF THE SOUTH FACADE OF THE 18 JOHN STREET PORTION OF THE BUILDING BEGAN. AIR SAMPLING FOR THE DAYS CLEAN UP ACTIVITIES WAS PERFORMED BY FERTY OSEMWEGIE AND CHETRAM RAMRAS OF WARREN & PANZER ENGINEERS.

THURSDAY OCTOBER 17 2002

THE CLEAN UP OF THE PIT AREA AND THE CLEAN UP OF THE BASEMENT SET BACK AREA OF THE 18 JOHN STREET PORTION OF THE BUILDING BEGAN TODAY. AIR SAMPLING FOR THIS PORTION OF THE CLEAN UP WAS PERFORMED BY EDWIN ELLIS (CERTIFICATE # AH 00-00613 EXP 10/02) AND YURI BEDIN (CERTIFICATE # AH 96-14947 EXP 02/03) RESPECTIVELY.

FRIDAY OCTOBER 18 2002

CLEAN UP OF THE PIT AND BASEMENT WORK AREAS HAS BEEN COMPLETED. AIR SAMPLING FOR THIS PORTION OF THE CLEAN UP WAS PERFORMED BY YURI BEDIN OF WARREN & PANZER ENGINEERS. FINAL AIR SAMPLES ARE RUN IN THE PIT AREA. SAMPLES RUN BY EDWIN ELLIS.

SATURDAY OCTOBER 19 2002

FINAL AIR SAMPLES ARE RUN FOR THE BASEMENT WORK AREA. AIR SAMPLES ARE RUN BY YURI BEDIN.

SUNDAY OCTOBER 20 2002

FINAL AIR SAMPLES CLEAR. THE CLEAN UP PROJECT AT THE PREMISE IS NOW COMPLETE.