


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7890

Fax. (718) 784-8085

CLIENT: Warren & Panza Engineers, P.C.

LABORATORY ID #: T02-10-038

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013838

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: NYC DEP, 18 & 20 John Street

DATE OF REPORT: 10/07/02

DATE OF ANALYSIS: 10/07/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (microg./cm ²)	TOTAL ASBESTOS AIR CONC. (microg./cm ³)	TOTAL ASBESTOS FILTER CONC. (microg./mm ²)	AIR CONC. FOR STRUCT. 0.5 <= < 5um	AIR CONC. FOR STRUCT. > 5.0um	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-10-038-2865	On right side of street towards east end	1440	4	0.0554	0.0048	0.0048	18.07	<0.0048	0.0048	Chrys.	NA
02	T02-10-038-2866	On left side of street towards east end	1440	4	0.0554	0.0048	0.0048	18.07	0.0048	<0.0048	Chrys.	NA
03	T02-10-038-2867	At the center of street	1440	4	0.0554	0.0048	0.0048	18.07	<0.0048	0.0048	Chrys.	NA
04	T02-10-038-2868	On right side of street towards west end	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
05	T02-10-038-2869	On left side of street towards west end	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA

 ANALYST
E. Dimitrakas

 LABORATORY DIRECTOR
Spiro Dostgatis

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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ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7498

Fax. (718) 784-4885

CLIENT: Warren & Puzer Engineers, P.C.

LABORATORY ID #: T02-10-038

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

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LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (M)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (ftr./cm ²)	TOTAL ASBESTOS AIR CONC. (ftr./cm ²)	TOTAL ASBESTOS FILTER CONC. (ftr./mm ²)	AIR CONC. FOR STRUCT. 8.558-9mm	AIR CONC. FOR STRUCT. 5-9mm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
09	T02-10-038-2870	On right side of street towards east end	1715	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
10	T02-10-038-2871	On left side of street towards east end	1715	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
11	T02-10-038-2872	At the center of street	1715	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
12	T02-10-038-2873	On right side of street west end	1715	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
13	T02-10-038-2874	On left side of street towards west end	1715	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA

E. Dimitrakas

ANALYST

E. Dimitrakas

Emilio D. S. 2

LABORATORY DIRECTOR

Spiro Doyanis

NYC DEP, 18 & 20 John Street, NYC, NY 10008

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New York, NY 10017
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WARREN & PANZER ENGINEERS, P. C.

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AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a P.O.

CLIENT: NYC DEP PROJECT: FACADE LOCATION: 1820 John St M/Hatter CONTACT: M. Nolan

W&P FILE #: 1079-01-02 LABORATORY: ANALYSIS METHOD: PCM 7400 circle one TEM SHEET EPA LEVEL II TECHNICIAN: CHEYEN RAMBAJ T02-10-038

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc.)
01	On right side of street towards east end	3		4	4	07:00	13:00	360	1440	
02	On left side of street towards east end	3		4	4	07:01	13:01	360	1440	
03	At this center of street	3		4	4	07:02	13:02	360	1440	
04	On right side of st towards west end	3		4	4	07:03	13:03	360	1440	
05	On left side of street towards west end	3		4	4	07:04	13:04	360	1440	
06	FIELD	1								
07	BLANK	1								
08		1								
09	On right side of street towards east end	3		7	7	13:00	17:05	245	1715	
10	On left side of street towards east end	3		7	7	13:01	17:06	245	1715	
11	At this center of street	3		7	7	13:02	17:07	245	1715	
12	On right side of street west end	3		7	7	13:03	17:08	245	1715	
13	On left side of street towards west end	3		7	7	13:04	17:09	245	1715	

COMMENTS: As requested by DEP inspector Dennis, we asked me to do three sets of samples.

SAMPLE BY: Cheyenne Rambaj DATE: 10/06/02
SIGNATURE: Cheyenne Rambaj
RELEASED BY: Cheyenne Rambaj DATE: 10/06/02
SIGNATURE: Cheyenne Rambaj
RECEIVED BY: A. GATTON DATE: 10/1/02
SIGNATURE: A. Gattoli

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