

08/14/2002 18:50 FAX 718 784 4085

002

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warea & Panzer Engineers, P. C.
LABORATORY ID #: T02-08-067
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 30 West Broadway
DATE OF REPORT: 08/14/02
DATE OF ANALYSIS: 08/14/02
EFFECTIVE FILTER AREA (mm²): 385

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490

Fax. (718) 784-4085

LABORATORY RESULTS

CLIENT #	LAB. ID	LOCATION	VOLUME (M)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (microg/cm ²)	TOTAL ASBESTOS AIR CONC. (microg/cm ³)	TOTAL ASBESTOS FILTER CONC. (microg/cm ²)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. 5-25.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIMY
01A	T02-08-067-1539	Entrance to personal decon	1380	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA
02A	T02-08-067-1540	North east area on balcony	1380	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA
03A	T02-08-067-1541	South east area on balcony	1380	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA
04A	T02-08-067-1542	North area on ground level	1380	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA
05A	T02-08-067-1543	South area on ground level	1380	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA

ANALYST
 E. Dimitrakas

LABORATORY DIRECTOR
 Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- 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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229 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0030

WARREN & PANZER ENGINEERS, P. C.

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AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr's 12 hr's 6 hr's 3 hr's Immediate 1/8

P.O.

CLIENT: NW-DEP
PROJECT: Quarry
LOCATION: 3000 Broadway

W&P FILE #: 1079-01-02
LABORATORY: APC
ANALYSIS METHOD: PCM
TECHNICIAN: NWDEP

CONTACT: Nike Allen
LW#: _____
SCA JOB#: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (µg/cc)
001A	Entrance to tunnel down	3		3	1/2	07:00	15:00	460	1380	
002A	N/E area on balcony	3		3	1/2	07:21	15:01	460	1380	
003A	S/E area on balcony	3		3	1/2	07:22	15:02	460	1380	
004A	N/E area on Grand St	3		3	1/2	07:23	15:03	460	1380	
005A	S/W area on Grand St	3		3	1/2	07:24	15:04	460	1380	
006	held	1								
007	held	1								
008	Sealed	1								

COMMENTS: Broken - lib

702-08-067

SAMPLE BY: NWDEP DATE: 8/13
SIGNATURE: [Signature]
RELEASED BY: _____ DATE: _____
SIGNATURE: _____
RECEIVED BY: C. Smith DATE: 8/14/02
SIGNATURE: [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

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Testwell Laboratories

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TESTWELL LABORATORIES, INC.
ENVIRONMENTAL DIVISION

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DATE : 8/13/02

ASBESTOS LABORATORY

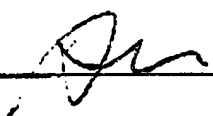
TEM AIR SUMMARY SHEET

CLIENT: **TLI Albany**PROJECT: Warren & Panzer Engineers, P.C NYC DEP Side Facades 30 N BroadwayMETHOD: AHERA

CLIENT NUMBER	LAB # 01 TEM -	VOLUME COLLECTED (L)	GRID OPENINGS ANALYZED	GRID AREA ANALYZED (mm ²)	COUNTABLE ASBESTOS STRUCTURES PER SAMPLE	CONCENTRATION (Structures/mm ²)	CONCENTRATION (Structures/cc)
01	6263	1440.0	5	0.061	0	< 16.53	< 0.004
02	6264	1440.0	5	0.061	0	< 16.53	< 0.004
03	6265	1440.0	5	0.061	0	< 16.53	< 0.004
04	6266	1440.0	5	0.061	0	< 16.53	< 0.004
05	6267	1440.0	5	0.061	0	< 16.53	< 0.004
TOTAL AVERAGE CONCENTRATIONS						< 16.53	< 0.004

NOTE: When no asbestos structures are counted, the Analytical Sensitivity (Detection Limit) is reported.

COMMENTS: _____

ANALYST'S SIGNATURE: _____


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Testwell Laboratories

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228 East 65th Street
New York, NY 10017
(212) 922-8077
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WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

14 hr⁺/a

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

P.O.

PAGE 1 OF 1

CLIENT: NYC DEP
PROJECT: Slide Forces
LOCATION: 30 N. Broadway

W&P FILE #: 1079:09:02
LABORATORY: ATC
ANALYSIS METHOD: PCM TEM TEM
city one 7400 AHERA EPA LEVEL II
TECHNICIAN: Collective Monitoring

CONTACT: me Mike Nylar

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (lb./cc)
61	B-1 N.E. Con	3		03	03	0700	1500	480	1440	
62	Inside work area (East)	3		03	03	0702	1502	480	1440	
63	Inside work area (West)	3		03	03	0704	1504	480	1440	
64	Inside work area (South)	3		03	03	0706	1506	480	1440	
65	Inside work area (North)	3		03	03	0708	1508	480	1440	
66	B.F.	1								
67	B.F.	1								
68	Copper element	1								

COMMENTS:

SAMPLE BY: Collective Monitoring DATE: 08/08/02
SIGNATURE: [Signature]
RELEASED BY: Collective Monitoring DATE: 08/08/02
SIGNATURE: [Signature]
RECEIVED BY: [Signature] DATE: 08/02
SIGNATURE: [Signature]

SAMPLE TYPE CODES	
0 - 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