

WKP

LABORATORIES, INC

**AIR SAMPLE ANALYSIS REPORT
PHASE CONTRAST MICROSCOPY**

CLIENT: WARREN & PANZER ENGINEERS, P.C.
 WKP FILE #: 501-01
 WKP LOG I.D. #: N020444
 Contract #: WTC AR2

TURNAROUND TIME 24HRS
 SAMPLE DATE 4/8/02
 RECEIVED DATE 4/8/02
 ANALYSIS DATE 4/8/02
 REPORT DATE 4/9/02

CLIENT JOB: NYC Department of Environmental Protection

CLIENT JOB #: 1079.01.01

LOCATION: S.W. Area/ Site Map

ANALYSIS: AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400. NIOSH PAT Lab NO. 07186; NY STATE ELAP Lab NO. 11251.

COLLECTION DEVICE: 25 mm MCE Filter Cassette; Collection Area = 365 sq mm;
 Field Area = 0.00785 sq mm.

SAMPLE WERE COLLECTED BY: Lawrence Baer

SUMMARY OF ANALYSIS

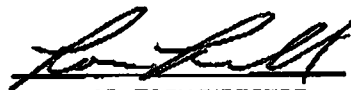
CLIENT SAMPLE #	Site #	SAMPLE LOCATION	VOLUME (LITERS)	FIBERS/ sq mm	FIBERS/ cc
1079.01.01	001	Field Blank	-	0.0	-
	002	Field Blank	-	0.0	-
	003	27 Gateway Plaza Park Area	675	10.2	0.006
	004	31 South End Ave. and Albany Street	675	7.0	0.004
	005	32 West Street and Albany Place	675	4.5	<0.004
	006	33A Rector Place by the Park Place	675	5.1	<0.004
	007	34 W. Thames Street - Along Waterfront	675	3.8	<0.004
	008	37 West of Third Place	675	7.6	0.004

NOTES:

- 5.5 fibers/100 fields was used to calculate the limit of detection (LOD). Results below the LOD have no statistical validity.
- Samples were not collected by WKP Laboratories, Inc.
- The Federal EPA Clearance Critical following an asbestos abatement project is 0.010 fibers/cc.
- PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

DM

LABORATORY ANALYST


 LABORATORY DIRECTOR

228 East 45th Street
New York, NY 10017
(212) 922-8077
Fax (212) 922-0830

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 ⁺/a

P.O. _____

CLIENT: N.Y.C.D.E.P.

W&P FILE #: 1079-01-01

CONTACT: MR. MIKE NOLAN

PROJECT: WTC. AIR MONITORING

LABORATORY: W&P LAB

LOCATION: S.W. AREA / SITE H08

ANALYSIS METHOD: PCM TEM TEM
circle one 7400 AHERA EPA LEVEL II

TECHNICIAN: LAWRENCE BOER

SAMPLE NUMBER	DESCRIPTION	DATE	TIME	WIND DIRECTION	WIND SPEED	TEMP	HUMIDITY	WIND DIRECTION	WIND SPEED	TEMP	HUMIDITY
-01	Field Blank	1	—	—	—	6745	—	—	—	—	—
-02	Field Blank	1	—	—	—	6746	—	—	—	—	—
-03	GATEWAY PLAZA PARK (#27)	8	02	15.0	15.0	0802	0847	45	675	0.006	—
-04	SOUTH END AVE. & ALBANY (SITE 31)	8	02	15.0	15.0	0900	0945	45	675	0.004	—
-05	WEST ST. & ALBANY ST (SITE 32)	8	02	15.0	15.0	1015	1100	45	675	<0.004	—
-06	RECTOR PLACE BY PARK (SITE 33A)	8	02	15.0	15.0	1115	1200	45	675	<0.004	—
-07	W. THAMES ST. BY WATERFRONT (34)	8	02	15.0	15.0	1215	1300	45	675	<0.004	—
-08	WEST OF THIRD PLACE (#37)	8	02	15.0	15.0	1330	1415	45	675	0.004	—

COMMENTS:

SAMPLE BY: <u>LAWRENCE BOER</u>	DATE: <u>4/8/02</u>
SIGNATURE: <u>[Signature]</u>	
RELEASED BY: _____	DATE: _____
SIGNATURE: _____	
RECEIVED BY: <u>Darryl Mulholland</u>	DATE: <u>04/08/02</u>
SIGNATURE: <u>[Signature]</u>	

SAMPLE INSTRUCTIONS	
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

ND 207644

WKP

LABORATORIES, INC

**AIR SAMPLE ANALYSIS REPORT
PHASE CONTRAST MICROSCOPY**

CLIENT: WARREN & PANZER ENGINEERS, P.C.
 WKP FILE #: 501-01
 WKP LOG I.D. #: N020445
 Contract #: WTC AR2

TURNAROUND TIME 24HRS

SAMPLE DATE 4/8/02

RECEIVED DATE 4/8/02

ANALYSIS DATE 4/9/02

REPORT DATE 4/9/02

CLIENT JOB: NYC Department of Environmental Protection

CLIENT JOB #: 1079.01.01

LOCATION WTC Sampling

ANALYSIS: AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400. NIOSH PAT Lab
NO. 07186; NY STATE ELAP Lab NO. 11251.COLLECTION DEVICE: 28 mm MCE Filter Cassette; Collection Area = 385 sq mm;
Field Area = 0.00785 sq mm.

SAMPLE WERE COLLECTED BY: Benny Giambrone

SUMMARY OF ANALYSIS

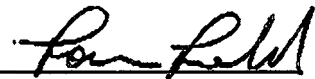
CLIENT SAMPLE #	Site #	SAMPLE LOCATION	VOLUME (LITERS)	FIBERS/ sq mm	FIBERS/ cc
1079.01.01	001	8 West Street and Warren Street	675	7.6	0.004
	002	4 River Terrace and Chambers Street	675	3.8	<0.004
	003	6A River Terrace Park Area Between Park Place and Warren Street	675	2.5	<0.004
	004	9 River Terrace and Park Place West	675	3.8	<0.004
	006	17 River Terrace and Vesey	675	2.5	<0.004
	006	7 Warren Street and North End Avenue	675	0.0	<0.004
	007	10 North End Avenue Park place West	675	5.1	<0.004
	008	Blank	-	0.0	-
	009	Blank	-	0.0	-

NOTES:

1. 5.5 fibers/100 fields was used to calculate the limit of detection (LOD). Results below the LOD have no statistical validity.
2. Samples were not collected by WKP Laboratories, Inc.
3. The Federal EPA Clearance Critical following an asbestos abatement project is 0.010 fibers/cc.
4. PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

DM

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LABORATORY DIRECTOR

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

P.O. _____

CLIENT: NYC D.E.P.
PROJECT: WTC - Sampling
LOCATION: NYC

W&P FILE #: 1079.01.01
LABORATORY: W&P
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 AHERA EPA LEVEL II
TECHNICIAN: Benny Giambrone

CONTACT: M. Nolan

TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE
01	8	8		15.0	15.0	8:05	8:50	45	675	0.004	
02	4			15.0	15.0	9:00	9:45	45	675	<0.004	
03	6A			15.0	15.0	9:50	10:35	45	675	<0.004	
04	9			15.0	15.0	10:48	11:33	45	675	<0.004	
05	17			15.0	15.0	11:40	12:25	45	675	<0.004	
06	7			15.0	14.5	12:40	13:25	45	664	<0.004	
07	10			15.0	15.0	13:35	14:20	45	675	<0.004	
08	Blank									-	
09	Blank									-	

COMMENTS:

SAMPLE BY: Benny Giambrone DATE: 4-8-02
SIGNATURE: Benny Giambrone
RELEASED BY: _____ DATE: _____
SIGNATURE: _____
RECEIVED BY: David Mullokanov DATE: 04/08/02
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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

1010465

1629

WKP

LABORATORIES, INC

**AIR SAMPLE ANALYSIS REPORT
PHASE CONTRAST MICROSCOPY**

CLIENT:	WARREN & PANZER ENGINEERS, P.C.	TURNAROUND TIME	24HRS
WKP FILE #	501-01	SAMPLE DATE	4/8/02
WKP LOG I.D. #	N020446	RECEIVED DATE	4/8/02
Contract #:	WTC AR2	ANALYSIS DATE	4/8/02
		REPORT DATE	4/9/02
CLIENT JOB:	NYC Department of Environmental Protection		
CLIENT JOB #:	1079.01.01		
LOCATION	WTC Sampling		
ANALYSIS:	AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400. NIOSH PAT Lab NO. 07186; NY STATE ELAP Lab NO. 11251.		
COLLECTION DEVICE:	25 mm MCE Filter Cassette; Collection Area = 386 sq mm; Field Area = 0.00786 sq mm.		

SAMPLE WERE COLLECTED BY: Festy Osemwagie

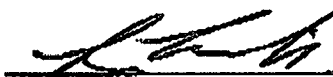
SUMMARY OF ANALYSIS

CLIENT SAMPLE #	Site #	SAMPLE LOCATION	VOLUME (LITERS)	FIBERS/ sq mm	FIBERS/ cc
1079.01.01	001	Field Blank	-	0.0	-
	002	Field Blank	-	0.0	-
	003	29 Trinity Place and Thames Street	675	5.1	<0.004
	004	21 Fulton and Church Street	675	5.1	<0.004
	005	20A Vesey Street and West Broadway	675	11.5	0.007
	006	16 Park place and Church Street	675	10.8	0.006
	007	12 Murray Street and Church Street	675	14.0	0.008
	008	15 Park Place and Greenwich Street	675	10.2	0.006
	009	11 Murray Street and Greenwich Street	675	12.7	0.007

- NOTES:
1. 5.5 fibers/100 fields was used to calculate the limit of detection (LOD). Results below the LOD have no statistical validity.
 2. Samples were not collected by WKP Laboratories, Inc.
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AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE _____ OF _____

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

P.O.

CLIENT: NYC DEP
PROJECT: WTC Sampling
LOCATION:

W&P FILE #: 1079-01-01
LABORATORY: W&P
ANALYSIS METHOD: BSM TEM TEM
circle one 7400 AHERA EPA LEVEL II
TECHNICIAN: FESIM OSEMWEGIE

CONTACT: MIKE

[illegible]

COMMENTS:

SAMPLE BY: FESTY OBEANECME DATE: 04-08-02
SIGNATURE: ST
RELEASED BY: _____ DATE: _____
SIGNATURE: _____
RECEIVED BY: David M. Hollar DATE: 04/08/02
SIGNATURE: [Signature]

- | | |
|------------------------------|-------------------------------|
| 1 - Blank | 5 - Final Clearance (inside) |
| 2 - Pre-Abatement | 6 - Final Clearance (outside) |
| 3 - During Abatement | 7 - Personal |
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SEE REVERSE SIDE FOR ANALYSIS INFORMATION



The NREP and ESS Join to Bring you Training and Certification in Indoor Air Quality Management

Dear Bal Bhandari

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This 2-day course will be held from 7:30 am – 5:00 pm each day. The cost for the course is only \$895.

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Las Vegas, NV
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September 17, 2002 – September 18, 2002
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Please contact me at 1-800-289-6116 ext. 5545 for course registration information, prerequisites and recommended reading materials. I look forward to working with you.

Sincerely,

Kim Schwan
Training Division
Environmental Support Solutions
Phone: 480-346-5545
Fax: 480-346-5599
Kim_Schwan@environ.com



228 East 45th Street
New York, NY 10017
Tel: (212) 922-0077

FACSIMILE COVER SHEET

DATE: 4/9/02

SENDER: Loan L.

FACSIMILE PHONE NUMBER: (212) 922-0630

RECEIVER: Barbara Ratto

COMPANY NAME: DEP

FACSIMILE NUMBER: 718-595-3744

NUMBER OF PAGES (INCLUDING COVER SHEET): 7

NOTES: PCM results for 4/8/02

WK 202 ID: 1020444

1020445

1020446

IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION, PLEASE NOTIFY
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