



AIR SAMPLE ANALYSIS REPORT PHASE CONTRAST MICROSCOPY

CLIENT: WARREN & PANZER ENGINEERS, P.C.
WKP FILE # 501-01
WKP LOG I.D. # N020458
Contract #: WTC AR2

TURNAROUND TIME 24HRS
SAMPLE DATE 4/10/02
RECEIVED DATE 4/10/02
ANALYSIS DATE 4/11/02
REPORT DATE 4/11/02

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 = 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	8.9	0.005
	002	4 River Terrace and Chambers Street	675	1.3	<0.004
	003	6A River Terrace Park Area Between Park Place and Warren Street	675	0.0	<0.004
	004	9 River Terrace and Park Place West	675	2.5	<0.004
	005	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	6.4	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.
4. PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

DM

LABORATORY ANALYST

LABORATORY DIRECTOR



AIR SAMPLE ANALYSIS REPORT PHASE CONTRAST MICROSCOPY

CLIENT: WARREN & PANZER ENGINEERS, P.C.
WKP FILE # 501-01
WKP LOG I.D. # N020459
Contract #: WTC AR2

TURNAROUND TIME 24HRS
SAMPLE DATE 4/10/02
RECEIVED DATE 4/10/02
ANALYSIS DATE 4/11/02
REPORT DATE 4/11/02

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 = 385 sq mm;
Field Area = 0.00785 sq mm.

SAMPLE WERE COLLECTED BY: Lawrence Baer

SUMMARY OF ANALYSIS

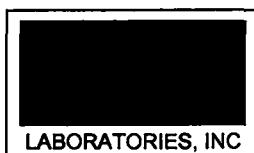
CLIENT SAMPLE #	Site #	SAMPLE LOCATION	VOLUME (LITERS)	FIBERS/ sq mm	FIBERS/ cc
1079.01.01	001	Field Blank	-	0.0	-
	002	Field Blank	-	0.0	-
	003	27 Gateway Plaza Park Area	675	3.8	<0.004
	004	31 South End Ave. and Albany Street	675	9.6	0.005
	005	32 West Street and Albany Place	675	5.1	<0.004
	006	33A Rector Place by the Park Place	675	3.8	<0.004
	007	34 W. Thames Street - Along Waterfront	675	7.0	0.004
	008	37 West of Third Place	675	3.2	<0.004

- 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.
 4. PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

DM

LABORATORY ANALYST

LABORATORY DIRECTOR



AIR SAMPLE ANALYSIS REPORT PHASE CONTRAST MICROSCOPY



CLIENT: WARREN & PANZER ENGINEERS, P.C.
WKP FILE # 501-01
WKP LOG I.D. # N020457
Contract #: WTC AR2

TURNAROUND TIME 24HRS
SAMPLE DATE 4/10/02
RECEIVED DATE 4/10/02
ANALYSIS DATE 4/11/02
REPORT DATE 4/11/02

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 = 385 sq mm;
Field Area = 0.00785 sq mm.

SAMPLE WERE COLLECTED BY: Festy Osemwegie

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	3.8	<0.004
	004	21 Fulton and Church Street	675	1.3	<0.004
	005	20A Vesey Street and West Broadway	675	6.4	0.004
	006	16 Park place and Church Street	675	8.9	0.005
	007	12 Murray Street and Church Street	675	12.7	0.007
	008	15 Park Place and Greenwich Street	675	14.0	0.008
	009	11 Murray Street and Greenwich Street	675	9.6	0.005

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.
4. PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

DM

LABORATORY ANALYST

LABORATORY DIRECTOR