

**NYC Emergency Response
Asbestos Air Sampling Results NYC ER/NJ DEP**

Date		Sampling	Sample	PCM by NIOSH 7400		TEM (AHERA)				
Sampled	Sample No.	Location	Volume	Matrix	f/mm ²	f/cc	<5μ	>5μ	S/mm ²	S~f/cc*
							S (#)			
10/3/01	00346	Liberty Park	480	Air	<7.0	<0.006	0	0	<6.15	<0.0049
10/3/01	00347	CITGO Terminal	480	Air	<7.0	<0.006	0	0	<6.15	<0.0049
10/3/01	00348	FMC Terminal	480	Air	<7.0	<0.006	0	0	<6.15	<0.0049
10/3/01	00349	Shell Terminal	480	Air	<7.0	<0.006	0	0	<6.15	<0.0049

coc#04116

PCM: Phase Contrast Microscopy by NIOSH 7400

TEM: Transmission Electron Microscopy (TEM) EPA 40CFR Part 763 (AHERA). Sample volume is below recommended limit of the method.

*Structure (S) roughly equivalent to Fiber (f)

Standard criteria: EPA 40CFR Part 763 (AHERA): 0.01 fiber/cc (PCM), 70 S/mm², Volume 1200 L, for 25 mm filter (TEM)

Period in which samples were collected and retrived	
Sampling Location	Sampling Times
Liberty Park	1200 (10/03/01) - 2000 (10/03/01)
CITGO Terminal	1300 (10/03/01) - 2100 (10/03/01)
FMC Terminal	1405 (10/03/01) - 2205 (10/03/01)
Shell Terminal	1435 (10/03/01) - 2235 (10/03/01)

ERT: 10/05/01 09:50 AM

LOCATION	Date	Time	WD	Tape Meters				Multi-Gas PHD-5						Multi	TVA-
				COCl2	H2SO4	HC	HCl	H2S	SO2	LEL	O2	CO	NO	Gas	FID
				ppbv	ppbv	ppbv	ppbv	ppm	ppm	%	%	ppm	ppm	ppm	ppm
3	10-3-01	1415	STILL	ND		ND	ND	ND	0.1	ND	20.8	14.0		ND	ND
A	10-3-01	1420	SOUTH	ND		ND	ND	ND	ND	ND	20.9	22.0		ND	ND
B	10-3-01	1428	SOUTH	ND		ND	ND	ND	.4	ND	20.8	18.0		ND	ND
C-1	10-3-01	1432	WEST	ND		ND	ND	ND	ND	ND	20.8	7.3		ND	ND
H	10-3-01	1440	NORTH	ERROR		ND	ND	ND	0.2	ND	20.7	16.0		ND	ND
I	10-3-01	1448	STILL	ERROR		ND	ND	ND	0.1	ND	20.8	16.0		ND	ND
D	10-3-01	1450	West			ND	ND	ND	0.3	ND	20.8	11.0		ND	ND
K	10-3-01	1500	STILL			ND	ND	ND	0.2	ND	20.9	8.9		ND	ND
P	10-3-01	1506	STILL			ND	ND	ND	0.2	ND	20.8	6.3		ND	ND
Q	10-3-01	1508	EAST			ND	ND	ND	0.1	ND	20.8	8.4		ND	ND
#1	10-3-01	1515	West			ND	ND	ND	0.2	ND	20.8	11		ND	ND
E	10-3-01	1517	NORTH			ND	ND	ND	ND	ND	20.8	8.1		ND	ND
F	10-3-01	1525	SOUTH			ND	ND	ND	0.2	ND	20.8	20.0		ND	ND
Q	10-3-01	1530	STILL			ND	ND	ND	0.2	ND	20.8	8.3		ND	ND
N	10-3-01	1540	STILL			ND	ND	ND	0.3	ND	20.8	13.0		ND	ND
M	10-3-01	1544	STILL			ND	ND	ND	0.2	ND	20.8	14.0		ND	ND
L	10-3-01	1550	STILL			ND	ND	ND	0.1	ND	20.8	12.0		ND	ND

#2 & #3 STATION WERE UNNECESSARY BECAUSE OF DEMO.