

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	0.5µ - 5µ	5µ	S/mm ²	S-f/cc*
							S (#)			
10/15/01	02016	Liberty Park	480	Air	<7.0	<0.006	0	0	<6.15	<0.0049
10/15/01	02017	CITGO Termin	480	Air	<7.0	<0.006	0	0	<6.15	<0.0049
10/15/01	02018	FMC Termina	1061	Air	<7.0	<0.003	0	0	<13.33	<0.0048
10/15/01	02019	Shell Termina	480	Air	<7.0	<0.006	0	0	<6.15	<0.0049

coc#04194

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 (10/15/01) to 1120 (10/16/01)	
CITGO Terminal	1240 (10/15/01) to 1155 (10/16/01)	ERT: 10/18/01 09:50 AM
FMC Terminal	1305 (10/15/01) to 1230 (10/16/01)	
Shell Terminal	1325 (10/15/01) to 1300 (10/16/01)	

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