NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Time: 10/05/01 1800 to 10/06/01 0800

					PCM by NIOSH 7400		TEM (AHERA)			
Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	f/mm^2	f/cc	Structures (#) 0.5µ- 5µ	Structures (#) >5µ	S/mm^2	S-f/cc*
10/5-6/2001	02151	#1	720	Air	<7.0	<0.004	0	0	<8.00	<0.0043
10/5-6/2001	02152	#2	817	Air	<7.0	<0.003	0	0	<8.00	<0.0038
10/5-6/2001	02153	#3	720	Air	<7.0	<0.004	0	0	<8.00	<0.0043
10/5-6/2001	02154	#4	No Air volume recorded.; Results not available							
10/5-6/2001	02155	#5	720	Air	<7.0	<0.004	0	0	<8.00	<0.0043
10/5-6/2001	02156	#6	720	Air	<7.0	<0.004	0	0	<8.00	<0.0043
10/5-6/2001	02157	#7	720	Air	<7.0	<0.004	0	0	<8.00	<0.0043
10/5-6/2001	02158	#8	720	Air	<7.0	<0.004	0	0	<8.00	<0.0043
10/5-6/2001	02159	#9A	220	Air	<7.0	<0.012	0	0	<8.00	<0.0043
10/5-6/2001	02160	#9B	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/5-6/2001	02191	#9C	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/5-6/2001	02192	#10	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048

coc# 04223

** Chrysotile

NS: Not sampled
Sample volume is below recommended limit of the method:
*Structure (S) roughly equivalent to fiber (f)
NA: not analyzed due to overloading of particulates

NIOSH 7400: Fiber Analysis of Air samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94
Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) EPA 40CFR Part 763 (AHERA)
Standard criteria: EPA 40CFR Part 763 (AHERA): 0.01 fiber/cc (PCM), 70 S/mm^2, volume 1200 L, for 25 mm filter (TEM)

ERT: 10/07/01 9:50 AM

FK-10-06-01

CITY_21MC100_002862686

NYC-WTC_000210953

NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Time: 10/06/01 0800 to 10/06/01 2000

					PCM by NIOSH 7400		TEM (AHERA)			
Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	f/mm^2	f/cc	Structures (#) 0.5µ- 5µ	Structures (#) >5µ	S/mm^2	S-f/cc*
10/6/2001	02911	#1	708.3	Air	<7.0	<0.004	0	0	<8.61	<0.0047
10/6/2001	02912	#2	711.5	Air	<7.0	<0.004	0	0	<8.61	<0.0047
10/6/2001	02913	#3	710	Air	10.19	0.005	0	0	<8.61	<0.0047
10/6/2001	02914	#4	680.7	Air	<7.0	<0.004	0	0	<8.61	<0.0049
10/6/2001	02915	#5	709.5	Air	<7.0	<0.004	0	0	<8.61	<0.0047
10/6/2001	02916	#6	595	Air	<7.0	<0.005	0	0	<7.75	<0.0050
10/6/2001	02917	#7	711	Air	<7.0	<0.004	0	0	<8.61	<0.0047
10/6/2001	02918	#8	720	Air	<7.0	<0.004	0	0	<8.61	<0.0046
10/6/2001	02919	#9A	708	Air	<7.0	<0.004	0	0	<8.61	<0.0047
10/6/2001	02920	#9B	600	Air	<7.0	<0.004	0	1**	8.61	0.0055
10/6/2001	02921	#9C	698.7	Air	<7.0	<0.004	0	1**	8.61	0.0047
10/6/2001	02922	#10	708	Air	<7.0	<0.004	0	0	<8.61	<0.0047

coc# 04602

** Chrysotile

NS: Not sampled
Sample volume is below recommended limit of the method:
*Structure (S) roughly equivalent to fiber (f)
NA: not analyzed due to overloading of particulates

NIOSH 7400: Fiber Analysis of Air samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94
Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) EPA 40CFR Part 763 (AHERA)
Standard criteria: EPA 40CFR Part 763 (AHERA): 0.01 fiber/cc (PCM), 70 S/mm^2, volume 1200 L, for 25 mm filter (TEM)

ERT: 10/07/01 9:50 AM

FK-10-06-01a

CITY_21MC100_002862687

NYC-WTC_000210954