NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Time: 10/03/01 0700 to 10/03/01 1900

					PCM by NIOSH 7400		TEM (AHERA)			
Sampling		Sampling	Sample		f/mm²	f/cc	Structures (#)		S/mm²	S~f/cc*
Date	Sample No.	Location	Volume	Matrix			<5µ	>5µ		
10/3/2001	23694	#1	630	Air	12.1	0.007	1**	0	8	0.0049
10/3/2001	23695	#2	624.8	Air	<7.0	<0.004	0	0	<8.00	<0.0049
10/3/2001	23696	#3	621.3	Air	7.01	0.004	0	0	<8.00	<0.0050
10/3/2001	23697	#4	619	Air	<7.0	<0.004	0	1**	8	0.0050
10/3/2001	23698	#5	617.8	Air	<7.0	<0.004	0	0	<8.89	<0.0055
10/3/2001	23699	#6	487	Air	<7.0	<0.006	0	0	<8.89	<0.0070
10/3/2001	01721	#7	652.8	Air	<7.0	<0.004	0	0	<8.00	<0.0047
10/3/2001	01722	#8	616	Air	<7.0	<0.004	0	0	<8.00	<0.0050
10/3/2001	01723	#9A	604.6	Air	21.66	0.014	2**	0	16	0.0102
10/3/2001	01724	#9B	0	Air	<7.0	-	0	0	<8.00	-
10/3/2001	01725	#10	609	Air	12.74	0.008	0	0	<7.27	<0.0046

coc# 04217

** Chrrysotile

NS: Not sampled
AF/ANF: Asbestos fibers/Non asbestos fibers
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/mm², volume 1200 L, for 25 mm filter (TEM)

ERT: 10/05/01 9:50 AM

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