NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Time: 09/29/01 0700 to 1900

Sampling Date
9/29/2001
9/29/2001
9/29/2001
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coc# 04012

NIOSH 7400: Fiber Analysis of Air samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94
NIOSH 7402: Asbestos Analysis of Air samples by Transmission Electron Microscopy
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)

CITY_21MC100_008768441

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				PCM by NIOSH 7400		TEM by NIOSH 7402	
	Sampling	Sample		f/mm^2	f/cc	AF/NAF	Adjusted
Sample No.	Location	Volume	Matrix				TEM f/cc
01644	#1	325	Air	<7.0	<0.008	0/0	<0.008
01645	#2	645	Air	<7.0	<0.004	0/2	<0.004
01646	#3	641	Air	<7.0	<0.004	0/2	<0.004
01647	#4	647	Air	<7.0	<0.004	0/1	<0.004
01648	#5	647	Air	<7.0	<0.004	0/1	<0.004
01649	#6	439	Air	<7.0	<0.006	0/0	<0.006
01650	#7	650	Air	<7.0	<0.004	0/0	<0.004
23660	#8	644	Air	<7.0	<0.004	0/1	<0.004
23661	#9A	635	Air	<7.0	<0.004	0/2	<0.004
23662	#9B	646	Air	<7.0	<0.004	0/2	<0.004
23663	#10	675	Air	<7.0	<0.004	0/3	<0.004

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

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TEM (AHERA)			
Structures (#)		S/mm^2	S~f/cc*
<5µ	>5µ		
0	0	<8.00	<0.0095
0	0	<8.00	<0.0048
0	0	<8.00	<0.0048
0	0	<8.00	<0.0048
0	0	<8.00	<0.0048
0	0	<8.00	<0.0070
0	1	8	0.0047
0	0	<8.00	<0.0048
0	0	<8.00	<0.0049
3	0	24	0.0143
0	0	<8.00	<0.0046

ERT: 10/01/01 9.50 AM

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