NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Time: 10/08/01 1930 to 10/09/01 0730

Sampling Date	Sample No.
10/8-10/9	2977
10/8-10/9	2978
10/8-10/9	2979
10/8-10/9	2980
10/8-10/9	2981
10/8-10/9	2982
10/8-10/9	2983
10/8-10/9	2984
10/8-10/9	2985
10/8-10/9	2986
10/8-10/9	2987
10/8-10/9	2988
10/8-10/9	2989
10/8-10/9	2990
10/8-10/9	2991
10/8-10/9	2992

coc# 04613

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)

OEM000120931

CITY_21MC100_006387137

Sampling Location	Sample Volume	Matrix	PCM by NIOSH 7400 f/mm^2
P 1	653.2	Air	<7.0
P 2	644	Air	<7.0
P 3	641	Air	<7.0
P 4	641	Air	<7.0
P 5	628.9	Air	8.92
P 6	629.4	Air	8.92
P 7	629.7	Air	<7.0
P 8	627.7	Air	<7.0
S 9 A	516.6	Air	17.83
S 9 B	508.7	Air	19.11
S9 C	501.8	Air	28.03
S 10	544.7	Air	<7.0
W 11	554	Air	21.66
W 12	357.7#	Air	29.3
B 13	695.1	Air	<7.0
B 14	266	Air	<7.0

#W 12 at 0231 pump reading was 357.7 when retrived at 0600 pump fault

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

CITY_21MC100_006387138

OEM000120931

	TEM (AHERA)			
f/cc	Structures (#)		S/mm^2	S~f/cc*
	0.5µ - 5µ	5µ		
<0.004	1**	0	8	0.0047
<0.004	0	0	<8.00	<0.0048
<0.004	0	0	<8.00	<0.0048
<0.004	0	0	<8.00	<0.0048
0.005	0	0	<8.00	<0.0049
0.005	0	0	<8.00	<0.0049
<0.004	0	0	<8.00	<0.0049
<0.004	0	0	<8.00	<0.0049
0.013	0	0	<8.00	<0.0060
0.015	5**	0	40	0.0303
0.021	0	1**	8	0.0061
<0.005	0	0	<8.00	<0.0057
0.015	0	0	<8.00	<0.0057
0.032	1**	0	8	0.0086
<0.004	0	0	<8.00	<0.0044
<0.010	0	0	<8.00	<0.0116

** Chrysotile: no other types of asbestos fibers wer found

ERT: 10/10/01 9:50 AM

OEM000120931

CITY_21MC100_006387139