NYC 9/11 Public Portal Document

Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Time: 10/11/01 07:00 to 10/11/01 19:00

					PCM by NIOSH 7400		TEM (AHERA)			
Sampling		Sampling	Sample		f/mm^2	f/cc	Structures (#)		S/mm^2	S~f/cc*
Date	Sample No.	Location	Volume	Matrix			0.5-5µ	>5µ		
10/11/01	03101	P Loc # 1	720	Air	<7.00	<0.004	0	3**	26.67	0.0143
10/11/01	03102	P Loc # 2	720	Air	7.64	0.004	0	0	<8.89	<0.0048
10/11/01	03103	P Loc # 3	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048
10/11/01	03104	P Loc # 4	720	Air	<7.00	<0.004	0	1**	8.89	0.0048
10/11/01	03105	P Loc # 5	720	Air	<7.00	<0.004	0	1**	8.89	0.0048
10/11/01	03106	P Loc # 6	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048
10/11/01	03107	P Loc # 7	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048
10/11/01	03108	P Loc # 8	540	Air	<7.00	<0.005	0	0	<8.89	<0.0064
10/11/01	03109	S Loc # 9A	720	Air	22.93	0.012	0	3**	26.67	0.0143
10/11/01	03110	S Loc # 9B	720	Air	<7.00	<0.004	0	4**	35.56	0.0190
10/11/01	03111	S Loc # 9C	720	Air	<7.00	<0.004	0	2**	17.78	0.0095
10/11/01	03112	S Loc # 10 A	720	Air	8.92	0.005	0	0	<8.89	<0.0048
10/11/01	03113	S Loc # 10 B	720	Air	14.01	0.007	0	1**	8.89	0.0048
10/11/01	03114	W Loc # 11	720	Air	11.46	0.006	0	0	<8.89	<0.0048
10/11/01	03115	W Loc # 12	720	Air	28.03	0.015	0	3**	26.67	0.0143
10/11/01	03116	B Loc # 13	748	Air	7.64	<0.004	0	0	<8.89	<0.0046
10/11/01	03117	B Loc # 14	591.2	Air	<7.00	<0.005	0	0	<7.27	<0.0047

coc# 04624

** Chrysotile; no other types of asbestos were detected.

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/mm^2, volume 1200 L, for 25 mm filter (TEM)

ERT: 10/14/01 9:50 AM

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