NYC 9/11 Public Portal Document

Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Time: 10/13/01 0600 to 1900

					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		
10/13/01	03171	P Loc # 1	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048
10/13/01	03172	P Loc # 2	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048
10/13/01	03173	P Loc # 3	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048
10/13/01	03174	P Loc # 4	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048
10/13/01	03175	P Loc # 5	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048
10/13/01	03176	P Loc # 6	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048
10/13/01	03177	P Loc # 7	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048
10/13/01	03178	P Loc # 8	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048
10/13/01	03179	S Loc # 9A	701.7	Air	<7.00	<0.004	0	1**	8	0.0044
10/13/01	03180	S Loc # 9B	694.6	Air	<7.00	<0.004	0	0	<8.00	<0.0044
10/13/01	03181	S Loc # 9C	709.1	Air	<7.00	<0.004	0	0	<8.00	<0.0043
10/13/01	03182	S Loc # 10 A	698	Air	<7.00	<0.004	0	0	<8.00	<0.0044
10/13/01	03183	S Loc # 10 B	692	Air	<7.00	<0.004	0	0	<8.00	<0.0045
10/13/01	03184	W Loc # 11	704	Air	<7.00	<0.004	0	1**	8	0.0044
10/13/01	03185	W Loc # 12	720	Air	<7.00	<0.004	0	1**	8.89	0.0048
10/13/01	03186	B Loc # 13	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048
10/13/01	03187	B Loc # 14	720	Air	<7.00	<0.004	0	0	<8.89	<0.0048

coc# 04629

** 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: 10/15/01 9:50 AM

FK-10-13-01am

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