

NYC Emergency Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Time: 10/24/01 1800 to 10/25/01 0600

Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	PCM by NIOSH 7400		TEM (AHERA)			
					f/mm ²	f/cc	Structures (#)		S/mm ²	S~f/cc*
							0.5-5μ	>5μ		
10/24-25/2001	03666	P Loc # 1	720	Air	<7.0	<0.004	0	1**	8.89	0.0048
10/24-25/2001	03667	P Loc # 2	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/24-25/2001	03668	P Loc # 3	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/24-25/2001	03669	P Loc # 4	715	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/24-25/2001	03670	P Loc # 5	715	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/24-25/2001	03671	P Loc # 6	717	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/24-25/2001	03672	P Loc # 7	718	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/24-25/2001	03673	P Loc # 8	719	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/24-25/2001	03674	S Loc # 9A	630	Air	<7.0	<0.004	0	0	<8.00	<0.0049
10/24-25/2001	03675	S Loc # 9B	718	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/24-25/2001	03676	S Loc # 10 A	718	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/24-25/2001	03677	S Loc # 10 B	595	Air	<7.0	<0.005	0	0	<8.00	<0.0052
10/24-25/2001	03678	W Loc # 11	640	Air	<7.0	<0.004	0	0	<8.00	<0.0048
10/24-25/2001	03679	W Loc # 12A	720	Air	<7.0	<0.004	1**	8**	80	0.0428
10/24-25/2001	03680	W Loc # 12B	463	Air	<7.0	<0.006	0	0	<8.00	<0.0067
10/24-25/2001	03681	B Loc # 13	422	Air	<7.0	<0.006	0	0	<8.00	<0.0073
10/24-25/2001	03682	B Loc # 14	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/24-25/2001	03683	T Loc # 15	720	Air	<7.0	<0.004	0	2**	17.78	0.0095
10/24-25/2001	03684	T Loc # 16	651	Air	7.64	0.004	NA	NA	NA	NA

coc#04671 & 04672

** Chrysotile, no other types of asbestos 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

NC: Denotes not calculated due to no sample volume.

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: 10/26/01 9:50 AM

OEM000056531

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