NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Times: 01/20/02 0745 to 2234

Data Validation Date: 01/22/2002

					PCM by NIOSH 7400		TEM (AHERA)			
							Structures (#)			
Sampling Date	Sample No.	Sampling Location	Sample Volume*	Matrix	f/mm²	f/cc	0.5µ - 5µ	5µ	S/mm²	S~f/cc**
01/20/02	LF02297	P-1	592	Air	<7.0	<0.005	0	0	<7.87	<0.0051
01/20/02	LF02298	P-2	437	Air	<7.0	<0.006	0	0	<7.87	<0.0069
01/20/02	LF02299	P-3	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
01/20/02	LF02300	P-4	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
01/20/02	LF02301	P-5	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
01/20/02	LF02302	P-6	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
01/20/02	LF02303	P-7	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
01/20/02	LF02304	P-8	626	Air	<7.0	<0.004	0	0	<7.87	<0.0048
01/20/02	LF02305	W-11	720	Air	34.39	0.018	1***	0	8.75	0.0047
01/20/02	LF02306	W-12A	720	Air	34.39	0.018	0	0	<8.75	<0.0047
01/20/02	LF02307	W-12B	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
01/20/02	LF02308	B-13	702	Air	<7.0	<0.004	0	0	<8.75	<0.0048
01/20/02	LF02309	B-14	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
01/20/02	LF02310	T-15	720	Air	7.64	0.004	0	0	<8.75	<0.0047
01/20/02	LF02311	T-16	NS	Air	NS	NS	NS	NS	NS	NS
01/20/02	LF02312	O-17	685	Air	<7.0	<0.004	0	0	<8.75	<0.0049
01/20/02	LF02313	O-18	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
01/20/02	LF02314	O-19	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
01/20/02	LF02315	MPHS-20	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
01/20/02	LF02316	Lot Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)
01/20/02	LF02317	Trip Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)

Key:

* Sample volume (liters) is below recommended limit for the TEM method; volume is based on pump reading
** Structure (S) is roughly equivalent to fiber (f)
*** Chrysotile
**** Extremely low sample volume collected

NA(1) - Not analyzed due to overloading of particulates
NA(2) - Not analyzed for TEM
NA(3) - Not analyzed for PCM or TEM due to wet filter
n/a - Not applicable
NC - Sample not collected
NS - Sample not submitted

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)

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