NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Times: 01/07/02 0758 to 2200

Data Validation Date: 01/10/2002

					PCM by NIOSH 7400		TEM (AHERA)				
Sampling Date	Sample No.	Sampling Location	Sample Volume*	Matrix	f/mm²	f/cc	Structures (#) 0.5µ - 5µ	5µ	S/mm²	S~f/cc**	Fibers
01/07/02	LF02024	P-1	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
01/07/02	LF02025	P-2	597	Air	<7.0	<0.005	0	0	<8.75	<0.0056	
01/07/02	LF02026	P-3	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
01/07/02	LF02027	P-4	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
01/07/02	LF02028	P-5	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
01/07/02	LF02029	P-6	540	Air	<7.0	<0.005	0	0	<8.75	<0.0062	
01/07/02	LF02030	P-7	648	Air	<7.0	<0.004	0	0	<8.75	<0.0052	
01/07/02	LF02031	P-8	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
01/07/02	LF02003	S-9A	720	Air	<7.0	<0.004					
01/07/02	LF02003	S-9B	720	Air	<7.0	<0.004					
01/07/02	LF02003	S-10A	720	Air	<7.0	<0.004					
01/07/02	LF02003	S-10B	720	Air	<7.0	<0.004					
01/07/02	LF02032	W-11	720	Air	NA(1)	NA(1)	NA(1)	NA(1)	NA(1)	NA(1)	
01/07/02	LF02033	W-12A	720	Air	15.29	0.008	1***	1***	17.50	0.0094	12
01/07/02	LF02034	W-12B	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
01/07/02	LF02035	B-13	NS	Air	NS	NS	NS	NS	NS	NS	
01/07/02	LF02036	B-14	720	Air	<7.0	<0.004	0	0	<7.87	<0.0042	
01/07/02	LF02037	T-15	720	Air	15.29	0.008	0	0	<7.87	<0.0042	12
01/07/02	LF02038	T-16	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
01/07/02	LF02039	O-17	720	Air	<7.0	<0.004	1***	0	8.75	0.0047	
01/07/02	LF02040	O-18	225	Air	NA(3)	NA(3)	NA(3)	NA(3)	NA(3)	NA(3)	
01/07/02	LF02041	O-19	NS	Air	NS	NS	NS	NS	NS	NS	
01/07/02	LF02042	Lot Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)	
01/07/02	LF02043	Trip Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)	
01/07/02	LF02044	MPHS-20	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	

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
NR - Not requested
NS - Sample not submitted
R - Sample data rejected due to no sample volume
NC - Sample not collected
NS - Sample not submitted

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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,
CITY_21MC100_002747752

NYC-WTC_000419619

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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)

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