NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Times: 12/08/01 0806 to 2310

Data Validation Date: 12/11/2001

					PCM by NIOSH 7400		TEM (AHERA)			
							Structures (#)			
Sampling Date	Sample No.	Sampling Location	Sample Volume*	Matrix	f/mm^2	f/cc	0.5µ - 5µ	5µ	S/mm^2	S-f/cc**
12/08/01	LF01441	P-1	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01442	P-2	621	Air	<7.0	<0.004	0	0	<7.87	<0.0049
12/08/01	LF01443	P-3	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01444	P-4	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01445	P-5	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01446	P-6	715	Air	<7.0	<0.004	1***	0	8.75	0.0047
12/08/01	LF01447	P-7	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01448	P-8	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01449	W-11	720	Air	15.29	0.008	1***	0	8.75	0.0047
12/08/01	LF01450	W-12A	720	Air	29.94	0.016	3***	0	26.25	0.0140
12/08/01	LF01451	W-12B	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01452	B-13	NS	Air	NS	NS	NS	NS	NS	NS
12/08/01	LF01453	B-14	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01454	T-15	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01455	T-16	720	Air	10.19	0.005	0	0	<8.75	<0.0047
12/08/01	LF01456	O-17	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01457	O-18	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01458	O-19	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01459	MPHS-20	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/08/01	LF01460	Lot Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)
12/08/01	LF01461	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

NA (1) - Not analyzed due to overloading of particulates
NA (2) - Not analyzed for TEM
n/a - Not applicable
NC - 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/mm^2, volume 1200 L, for 25 mm filter (TEM)

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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,
CITY_21MC100_002747842

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