NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Times: 12/09/01 0809 to 2230

Data Validation Date: 12/12/2001

					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
12/09/01	LF01462	P-1	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01463	P-2	550	Air	<7.0	<0.005	0	0	<8.75	<0.0061	
12/09/01	LF01464	P-3	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01465	P-4	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01466	P-5	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01467	P-6	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01468	P-7	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01469	P-8	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF014	S-9A	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF014	S-9B	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF014	S-10A	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF014	S-10B	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01470	W-11	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01471	W-12A	NC	Air	NC	NC	NC	NC	NC	NC	
12/09/01	LF01472	W-12B	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01473	B-13	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01474	B-14	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01475	T-15	336	Air	34.39	0.039	0	1***	7.87	0.0090	27
12/09/01	LF01476	T-16	720	Air	15.29	0.008	1***	0	8.75	0.0047	12
12/09/01	LF01477	O-17	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01478	O-18	NS	Air	NS	NS	NS	NS	NS	NS	
12/09/01	LF01479	O-19	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047	
12/09/01	LF01480	MPHS-20	690	Air	<7.0	<0.004	0	0	<8.75	<0.0049	
12/09/01	LF01481	Lot Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)	
12/09/01	LF01482	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
NR - Not requested
NS - Sample not submitted
R - Sample data rejected due to no sample volume
NC - Not collected
NS - Sample not submitted to the laboratory for analysis at this time due to closed-off access to sampling station

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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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,
CITY_21MC100_002747815

NYC-WTC_000419624