NYC-WTC_000287553

NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Times: 11/03/01 1709 to 11/04/01 0744

					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**
11/03/01	LF00211	P-1	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
11/03/01	LF00212	P-2	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
11/03/01	LF00213	P-3	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
11/03/01	LF00214	P-4	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
11/03/01	LF00215	P-5	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
11/03/01	LF00216	P-6	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
11/03/01	LF00217	P-7	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
11/03/01	LF00218	P-8	448	Air	<7.0	<0.006	0	0	<8.00	<0.0069
11/03/01	LF00219	S-9A	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
11/03/01	LF00220	S-9B	320	Air	<7.0	<0.008	0	0	<8.00	<0.0096
11/03/01	LF00221	S-10A	665	Air	<7.0	<0.004	0	0	<8.00	<0.0046
11/03/01	LF00222	S-10B	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
11/03/01	LF00223	W-11	672	Air	19.75	0.011	0	0	<8.00	<0.0046
11/03/01	LF00224	W-12A	703.3	Air	16.56	0.009	0	0	<8.89	<0.0049
11/03/01	LF00225	W-12B	511.0	Air	<7.0	<0.005	0	0	<8.00	<0.0060
11/03/01	LF00226	B-13	NS	Air	NS	NS	NS	NS	NS	NS
11/03/01	LF00227	B-14	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
11/03/01	LF00228	T15	706	Air	9.55	0.005	0	0	<8.89	<0.0048
11/03/01	LF00229	T16	708	Air	12.10	0.007	0	0	<8.89	<0.0048
11/03/01	LF00230	Lot Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)
11/03/01	LF00231	Trip Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)

COC No. n/a

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 due to no sample volume
R - Sample data rejected 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/mm^2, volume 1200 L, for 25 mm filter (TEM)

FK-11-03-01pm

RST: 11/9/2001

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