NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Time 7/19/2002 0714 to 2146

Data Validation Date: 07/22/2002

					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**
07/19/02	LF05803	P-1	1076.40	Air	10.19	0.004	0	0	<13.12	<0.0047
07/19/02	LF05804	P-2	1278.00	Air	11.46	0.003	0	0	<15.75	<0.0047
07/19/02	LF05805	P-3	1260.00	Air	16.56	0.005	0	0	<15.75	<0.0048
07/19/02	LF05806	P-4	1296.00	Air	14.01	0.004	0	0	<15.75	<0.0047
07/19/02	LF05807	P-5	1296.00	Air	17.83	0.005	0	0	<15.75	<0.0047
07/19/02	LF05808	P-6	1296.00	Air	15.29	0.005	0	0	<15.75	<0.0047
07/19/02	LF05809	P-7	1296.00	Air	8.92	0.003	0	0	<15.75	<0.0047
07/19/02	LF05810	P-8	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/19/02	LF05811	W-12A	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/19/02	LF05812	W-12B	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/19/02	LF05813	T-15	1332.00	Air	<7.0	<0.002	***1	0	15.75	0.0046
07/19/02	LF05814	T-16	1098.00	Air	<7.0	<0.002	0	0	<13.12	<0.0046
07/19/02	LF05815	O-17	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/19/02	LF05816	O-18	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/19/02	LF05817	O-19	997.50	Air	<7.0	<0.003	0	0	<11.25	<0.0043
07/19/02	LF05818	Lot Blank	0.00	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)
07/19/02	LF05819	Trip Blank	0.00	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)

Key:

* Some sample volume (liters) are below recommended limit for the TEM method; volume is based on pump reading
** Structure (S) is roughly equivalent to fiber (f)
*** Chrysotile
**** Actinolite
*****Amosite
NA (1) - Not analyzed due to overloading of particulates
NA (2) - Not analyzed for TEM
NA (3) - Not analyzed 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

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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