NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Time 2/11/2002 0755 to 2138

Data Validation Date: 02/14/2002

					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**
02/11/02	LF02759	P-1	1284.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
02/11/02	LF02760	P-2	1380.00	Air	<7.0	<0.002	0	0	<15.75	<0.0044
02/11/02	LF02761	P-3	1164.60	Air	7.64	0.003	0	0	<13.12	<0.0043
09/09/03	LF02762	P-4		Air	<7.0	<0.002	0	0	<15.75	<0.0048
02/11/02	LF02763	P-5	1348.00	Air	<7.0	<0.002	0	0	<15.75	<0.0045
02/11/02	LF02764	P-6	1146.00	Air	<7.0	<0.002	0	0	<13.12	<0.0044
02/11/02	LF02765	P-7	1170.75	Air	<7.0	<0.002	0	0	<13.12	<0.0043
02/11/02	LF02766	P-8	1344.80	Air	<7.0	<0.002	0	0	<15.75	<0.0045
02/11/02	LF02767	W-11	1402.00	Air	15.29	0.004	***1	0	15.75	0.0043
02/11/02	LF02768	W-12A	1152.00	Air	7.64	0.003	***3	0	47.24	0.0158
02/11/02	LF02769	W-12B	1200.00	Air	<7.0	<0.002	***1	0	13.12	0.0042
02/11/02	LF02770	B-13	1211.00	Air	<7.0	<0.002	0	0	<13.12	<0.0042
02/11/02	LF02771	B-14	1301.75	Air	NA (1)	NA(1)	NA(1)	NA(1)	NA(1)	NA(1)
02/11/02	LF02772	T-15	1440.00	Air	11.46	0.003	0	0	<15.75	<0.0042
02/11/02	LF02773	T-16	1440.00	Air	<7.0	<0.002	0	0	<15.75	<0.0042
02/11/02	LF02774	O-17	1387.85	Air	<7.0	<0.002	0	0	<15.75	<0.0044
02/11/02	LF02775	O-18	1292.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
02/11/02	LF02776	O-19	1254.00	Air	<7.0	<0.002	0	0	<15.75	<0.0048
02/11/02	LF02777	MPHS-20	1340.70	Air	<7.0	<0.002	0	0	<15.75	<0.0045
02/11/02	LF02778	Lot Blank	0.00	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)
02/11/02	LF02779	Trip Blank	0.00	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)

Sample LF02762 was voided No sample submitted

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

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 - 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)

L□

CITY_21MC100_011203899

NYC-WTC_000436868