NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Time 6/14/2002 0700 to 06/15/02 0601

Data Validation Date: 06/18/2002

					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**
06/14/02	LF05248	P-1	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
06/14/02	LF05249	P-2	1221.70	Air	<7.0	<0.002	0	0	<13.12	<0.0041
06/14/02	LF05250	P-3	123.50	Air	<7.0	<0.022	0	0	<7.87	<0.0245
06/14/02	LF05251	P-4	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
06/14/02	LF05252	P-5	680.20	Air	<7.0	<0.004	0	0	<7.87	<0.0045
06/14/02	LF05253	P-6	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
06/14/02	LF05255	P-8	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
06/14/02	LF05256	W-12A	1368.00	Air	10.19	0.003	0	0	<15.75	<0.0044
06/14/02	LF05257	W-12B	1153.80	Air	<7.0	<0.002	0	0	<13.12	<0.0044
06/14/02	LF05258	T-15	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
06/14/02	LF05259	T-16	1296.00	Air	20.38	0.006	0	0	<15.75	<0.0047
06/14/02	LF05260	O-17	1623.60	Air	10.19	0.002	0	0	<19.69	<0.0047
06/14/02	LF05262	O-19	444.60	Air	7.64	0.007	0	0	<7.87	<0.0068
06/14/02	LF05263	MPHS-20	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
06/14/02	LF05264	TS-21	2296.80	Air	<7.0	<0.001	0	0	<19.69	<0.0033
06/14/02	LF05265	PLNT2-22	2028.60	Air	<7.0	<0.001	0	0	<19.69	<0.0037
06/14/02	LF05266	Lot Blank	0.00	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)
06/14/02	LF05267	Trip Blank	0.00	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)

Please note that samples for locations TS-21 and PLNT2-22 ran for over 20 hours
No sample was submitted for location P-7 and O-18 due to flow fault

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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