

NYC Response

Asbestos Air Sampling Results for Staten Island Landfill

Sampling Date and Time 7/14/2002 0700 to 2020

Data Validation Date: 07/17/2002

Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	PCM by NIOSH 7400		TEM (AHERA)			
					f/mm ²	f/cc	Structures (#)		S/mm ²	S~f/cc**
07/14/02	LF05719	P-1	1296.00	Air	<7.0	<0.002	***1	0	15.75	0.0047
07/14/02	LF05720	P-2	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05721	P-3	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05722	P-4	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05723	P-5	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05724	P-6	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05725	P-7	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05726	P-8	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05727	W-12A	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05728	T-15	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05729	T-16	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05730	O-17	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05731	O-18	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05732	O-19	1296.00	Air	<7.0	<0.002	0	0	<15.75	<0.0047
07/14/02	LF05733	Lot Blank	0.00	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
07/14/02	LF05734	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 particulatesNA⁽²⁾ - Not analyzed for TEMNA⁽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/mm², volume 1200 L, for 25 mm filter (TEM)

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