

NYC Response

Asbestos Air Sampling Results for Staten Island Landfill

Sampling Date and Times: 12/24/01 0905 to 12/25/01 0005^(a)

Data Validation Date: 12/28/2001

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**
12/24/01	LF01773	P-1	900	Air	<7.0	<0.003	0	0	<11.25	<0.0048
12/24/01	LF01774	P-2	564	Air	<7.0	<0.005	0	0	<7.87	<0.0054
12/24/01	LF01775	P-3	804	Air	<7.0	<0.003	0	0	<9.84	<0.0047
12/24/01	LF01776	P-4	775	Air	<7.0	<0.003	0	0	<9.84	<0.0049
12/24/01	LF01777	P-5	788	Air	<7.0	<0.003	0	0	<9.84	<0.0048
12/24/01	LF01778	P-6	NS ⁽¹⁾	NS ⁽¹⁾	NS ⁽¹⁾	NS ⁽¹⁾	NS ⁽¹⁾	NS ⁽¹⁾	NS ⁽¹⁾	NS ⁽¹⁾
12/24/01	LF01779	P-7	748	Air	<7.0	<0.004	0	0	<8.75	<0.0045
12/24/01	LF01780	P-8	834	Air	<7.0	<0.003	0	0	<9.84	<0.0045
12/24/01	LF01781	W-11	830	Air	<7.0	<0.003	0	0	<9.84	<0.0046
12/24/01	LF01782	W-12A	720	Air	<7.0	<0.004	0	0	<8.75	<0.0047
12/24/01	LF01783	W-12B	809	Air	<7.0	<0.003	0	0	<9.84	<0.0047
12/24/01	LF01784	B-13	NS ⁽¹⁾	NS ⁽¹⁾	NS ⁽¹⁾	NS ⁽¹⁾	NS ⁽¹⁾	NS ⁽¹⁾	NS ⁽¹⁾	NS ⁽¹⁾
12/24/01	LF01785	B-14	507	Air	<7.0	<0.005	0	0	<7.87	<0.0060
12/24/01	LF01786 ^(a)	T-15	2638	Air	<7.0	<0.001	0	0	<19.69	<0.0029
12/24/01	LF01787 ^(a)	T-16	2647	Air	<7.0	<0.001	0	0	<19.69	<0.0029
12/24/01	LF01788	O-17	NS ⁽²⁾	NS ⁽²⁾	NS ⁽²⁾	NS ⁽²⁾	NS ⁽²⁾	NS ⁽²⁾	NS ⁽²⁾	NS ⁽²⁾
12/24/01	LF01789	O-18	800	Air	<7.0	<0.003	0	0	<9.84	<0.0047
12/24/01	LF01790	MPHS-20	839	Air	<7.0	<0.003	0	0	<9.84	<0.0045
12/24/01	LF01791	Lot Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
12/24/01	LF01792	Trip Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾

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

**** Extremely low sample volume collected

NA ⁽¹⁾ - Not analyzed due to overloading of particulates

NA ⁽²⁾ - Not analyzed for TEM

n/a - Not applicable

NC - Sample not collected

NS⁽¹⁾ - Sample not submitted due to no sample volume

NS⁽²⁾ - Sample not submitted at this time due to no access to station location

^(a) - Sample LF01786 (T-15) was collected 12/24/01 0940 to 12/26/01 0538

Sample LF01787 (T-16) was collected 12/24/01 0943 to 12/26/01 0550

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)

FK-12-24-01-am

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

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