

NYC Response

Asbestos Air Sampling Results for Staten Island Landfill

Sampling Date and Times: 11/02/01 0650 to 11/02/01 1908

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**
11/02/01	LF00148	P-1	690	Air	<7.0	<0.004	0	0	<8.89	<0.0050
11/02/01	LF00149	P-2	691	Air	<7.0	<0.004	0	0	<8.89	<0.0050
11/02/01	LF00150	P-3	692	Air	<7.0	<0.004	1***	0	8.89	0.0049
11/02/01	LF00151	P-4	693	Air	<7.0	<0.004	0	0	<8.89	<0.0049
11/02/01	LF00152	P-5	694	Air	<7.0	<0.004	0	0	<8.89	<0.0049
11/02/01	LF00153	P-6	694	Air	<7.0	<0.004	0	0	<8.89	<0.0049
11/02/01	LF00154	P-7	689	Air	7.64	0.004	0	0	<8.89	<0.0050
11/02/01	LF00155	P-8	694	Air	<7.0	<0.004	0	0	<8.89	<0.0049
11/02/01	LF00156	S-9A	664	Air	<7.0	<0.004	1***	0	8	0.0046
11/02/01	LF00157	S-9B	573	Air	<7.0	<0.005	2***	0	16	0.0108
11/02/01	LF00158	S-10A	519	Air	<7.0	<0.005	0	0	<8	<0.0059
11/02/01	LF00159	S-10B	627	Air	<7.0	<0.004	0	0	<8	<0.0049
11/02/01	LF00160	W-11	694	Air	<7.0	<0.004	1***	0	8.89	0.0049
11/02/01	LF00161	W-12A	720	Air	<7.0	<0.004	1***	0	8.89	0.0048
11/02/01	LF00162	W-12B	720	Air	<7.0	<0.004	2***	0	17.78	0.0095
11/02/01	LF00163	B-13	691	Air	<7.0	<0.004	1***	2***	26.67	0.0149
11/02/01	LF00164	B-14	679	Air	<7.0	<0.004	0	0	<8	<0.0045
11/02/01	LF00165	T15	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
11/02/01	LF00166	T16	614	Air	<7.0	<0.004	0	0	<8	<0.0050
11/02/01	LF00167	Lot Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
11/02/01	LF00168	Trip Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾

COC No. n/a

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

NA⁽¹⁾ - Not analyzed due to overloading of particulatesNA⁽²⁾ - Not analyzed for TEM

n/a - Not applicable

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)

OEM000056621

RST: 11/6/2001

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