

NYC Response

Asbestos Air Sampling Results for Staten Island Landfill

Sampling Date and Time: 10/05/01 1800 to 10/06/01 0800

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*
							0.5µ- 5µ	>5µ		
10/5-6/2001	02151	#1	720	Air	<7.0	<0.004	0	0	<8.00	<0.0043
10/5-6/2001	02152	#2	817	Air	<7.0	<0.003	0	0	<8.00	<0.0038
10/5-6/2001	02153	#3	720	Air	<7.0	<0.004	0	0	<8.00	<0.0043
10/5-6/2001	02154	#4	No Air volume recorded., Results not available							
10/5-6/2001	02155	#5	720	Air	<7.0	<0.004	0	0	<8.00	<0.0043
10/5-6/2001	02156	#6	720	Air	<7.0	<0.004	0	0	<8.00	<0.0043
10/5-6/2001	02157	#7	720	Air	<7.0	<0.004	0	0	<8.00	<0.0043
10/5-6/2001	02158	#8	720	Air	<7.0	<0.004	0	0	<8.00	<0.0043
10/5-6/2001	02159	#9A	220	Air	<7.0	<0.012	0	0	<8.00	<0.0043
10/5-6/2001	02160	#9B	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/5-6/2001	02191	#9C	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
10/5-6/2001	02192	#10	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048

coc# 04223

** Chrysotile

NS: Not sampled

Sample volume is below recommended limit of the method:

*Structure (S) roughly equivalent to fiber (f)

NA: not analyzed due to overloading of particulates

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)

ERT: 10/07/01 9:50 AM

FK-10-06-01

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