

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
10/5-6/2001
10/5-6/2001
10/5-6/2001
10/5-6/2001
10/5-6/2001
10/5-6/2001
10/5-6/2001
10/5-6/2001
10/5-6/2001
10/5-6/2001
10/5-6/2001
10/5-6/2001
10/5-6/2001
10/5-6/2001
10/5-6/2001

coc# 04223

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)

OEM000056431

CITY_21MC100_008768475

Sample No.	Sampling Location	Sample Volume	Matrix	PCM by NIOSH 7400		Structure (S)
				f/mm ²	f/cc	0.5µ- 5µ
02151	#1	720	Air	<7.0	<0.004	0
02152	#2	817	Air	<7.0	<0.003	0
02153	#3	720	Air	<7.0	<0.004	0
02154	#4	No Air volume recorded.; Results not available				
02155	#5	720	Air	<7.0	<0.004	0
02156	#6	720	Air	<7.0	<0.004	0
02157	#7	720	Air	<7.0	<0.004	0
02158	#8	720	Air	<7.0	<0.004	0
02159	#9A	220	Air	<7.0	<0.012	0
02160	#9B	720	Air	<7.0	<0.004	0
02191	#9C	720	Air	<7.0	<0.004	0
02192	#10	720	Air	<7.0	<0.004	0

** 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

OEM000056431

CITY_21MC100_008768476

TEM (AHERA)		
Structures (#)	S/mm ²	S~f/cc*
>5μ		
0	<8.00	<0.0043
0	<8.00	<0.0038
0	<8.00	<0.0043
0	<8.00	<0.0043
0	<8.00	<0.0043
0	<8.00	<0.0043
0	<8.00	<0.0043
0	<8.00	<0.0043
0	<8.89	<0.0048
0	<8.89	<0.0048
0	<8.89	<0.0048

ERT: 10/07/01 9:50 AM

OEM000056431