

NYC Response

Asbestos Air Sampling Results for Staten Island Landfill

Sampling Date and Time: 10/07/01 1930 to 10/08/01 0730

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		
10/7-10/8	02935	#1	661.6	Air	12.74	0.007	0	0	<8.00	<0.0047
10/7-10/8	02936	#2	660.7	Air	<7.0	<0.004	0	0	<8.00	<0.0047
10/7-10/8	02937	#3	485.7	Air	<7.0	<0.006	0	0	<8.00	<0.0063
10/7-10/8	02938	#4	663.2	Air	<7.0	<0.004	0	0	<8.00	<0.0046
10/7-10/8	02939	#5	663.6	Air	<7.0	<0.004	0	0	<8.00	<0.0046
10/7-10/8	02940	#6	496	Air	<7.0	<0.005	0	0	<8.00	<0.0062
10/7-10/8	02951	#7	671	Air	<7.0	<0.004	0	0	<8.00	<0.0046
10/7-10/8	02952	#8	670	Air	<7.0	<0.004	0	0	<8.00	<0.0046
10/7-10/8	02953	#9A	546.9	Air	<7.0	<0.005	0	0	<8.00	<0.0056
10/7-10/8	02954	#9B	662	Air	20.38	0.012	3**	2**	40	0.0233
10/7-10/8	02955	#9C	670.2	Air	12.74	0.007	0	1**	8	0.0046
10/7-10/8	02956	#10	620	Air	7.64	0.005	0	0	<8.00	<0.0050

coc# 04608

** 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: 10/09/01 9:50 AM

FK_10_07_01

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

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