

NYC Response

Asbestos Air Sampling Results for Staten Island Landfill

Sampling Date and Time: 09/29/01 0700 to 1900

Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	PCM by NIOSH 7400		TEM by NIOSH 7402		TEM (AHERA)			
					f/mm ²	f/cc	AF/NAF	Adjusted TEM f/cc	Structures (#)		S/mm ²	S-f/cc
									<5μ	>5μ		
9/29/01	02161	#1	720	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.89	<0.0048
9/29/01	02162	#2	720	Air	<7.0	<0.004	0/1	<0.004	0	0	<8.89	<0.0048
9/29/01	02163	#3	720	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.89	<0.0048
9/29/01	02164	#4	720	Air	<7.0	<0.004	0/1	<0.004	0	0	<8.89	<0.0048
9/29/01	02165	#5	0	Air	<7.0	**	0/0	**	0	0	<8.0	**
9/29/01	02166	#6	0	Air	<7.0	**	0/0	**	0	0	<8.0	**
9/29/01	02167	#7	720	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.89	<0.0048
9/29/01	02168	#8	720	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.89	<0.0048
9/29/01	02169	9A	0	Air	<7.0	**	0/0	**	0	0	<8.0	**
9/29/01	02170	9B	720	Air	<7.0	<0.004	0/2	<0.004	1	0	8.89	0.0048
9/29/01	01641	#10	0	Air	<7.0	**	0/0	**	0	0	<8.0	**

coc# 04026

NS: Not sampled

AF/ANF: Asbestos fibers/Non asbestos fibers

Sample volume is below recommended limit of the method:

*Structure (S) Roughly equivalent to Fiber (F)

NA: not analyzed due to overloading of particulates

** No results available because no air volume were taken

NIOSH 7400: Fiber Analysis of Air samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

NIOSH 7402: Asbestos Analysis of Air samples by Transmission Electron Microscopy

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: 10/01/01 2.00 PM

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