

NYC Response

Asbestos Air Sampling Results for Freshkill Landfill

Sampling Date and Time: 09/26/01 to 09/27/01 (1830 to 0730)

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		
9/27/01	00764	#1	720	Air	<7 0	<0 004	0/3	<0 004	0	0	<8 89	<0 0048
9/27/01	00765	#2	720	Air	<7 0	<0 004	0/1	<0 004	0	0	<8 89	<0 0048
9/27/01	00766	#3	720	Air	<7 0	<0 004	0/2	<0.004	0	0	<8 89	<0 0048
9/27/01	00767	#4	720	Air	<7 0	<0 004	0/1	<0.004	0	0	<8 89	<0 0048
9/27/01	00768	#5	720	Air	<7 0	<0 004	0/1	<0.004	0	0	<8 89	<0 0048
9/27/01	00769	#6	700	Air	<7 0	<0 004	0/2	<0 004	0	0	<8 89	<0 0048
9/27/01	00770	#7	720	Air	<7 0	<0 004	0/1	<0 004	0	0	<8 89	<0 0048
9/27/01	02137	#8	720	Air	<7 0	<0 004	0/1	<0 004	0	0	<8 89	<0 0048
9/27/01	02138	#9A	240	Air	<7 0	<0 011	0/1	<0 011	0	0	<8 00	<0 0128
9/27/01	02139	#9B	720	Air	<7 0	<0 004	0/3	<0 004	0	0	<8 89	<0 0048
9/27/01	02140	10	720	Air	<7 0	<0 004	0/0	<0 004	0	0	<8.89	<0 0048

cc# 04117

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

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 09/29/01 9 50 AM

FK-09-27-01A

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