NYC 9/11 Public Portal Document

NYC Response

Asbestos Air Sampling Results for Freshkill Landfill

Sampling Date and Time:

					PCM by NIOSH 7400		TEM by NIOSH 7402		TEM (AHERA)			
Sampling		Sampling	Sample		f/mm^2	f/cc	AF/NAF	Adjusted	Structures (#)		S/mm^2	S~f/cc
Date	Sample No.	Location	Volume	Matrix				TEM f/cc	<5μ	>5μ		
9/22/2001	01611	#1	599	Air	<7	<0.004	0/0	<0.004	0	0	<7.75	<0.005
9/22/2001	01612	#2	666	Air	<7	<0.004	0/0	<0.004	0	0	<7.75	<0.0045
9/22/2001	01613	#3	373	Air	<7	<0.007	0/0	<0.007	0	0	<7.75	<0.008
9/22/2001	01614	#4	679	Air	<7	<0.004	0/0	<0.004	0	0	<7.75	<0.0044
9/22/2001	01615	#5	676	Air	<7	<0.004	0/0	<0.004	0	0	<7.75	<0.0044
9/22/2001	01616	#6	679	Air	<7	<0.004	0/0	<0.004	0	0	<7.75	<0.0044
9/22/2001	01617	#7	681	Air	<7	<0.004	0/0	<0.004	0	0	<7.75	<0.0044
9/22/2001	01618	#8	677	Air	<7	<0.004	0/0	<0.004	0	0	<7.75	<0.0044
9/22/2001	01619	#9	451	Air	<7	<0.006	0/0	<0.006	0	0	<7.75	<0.0066
9/22/2001	01620	#10	393	Air	<7	<0.007	0/0	<0.007	0	0	<7.75	<0.0076

NS: Not sampled
AF/ANF: Asbesos fibers/Non asbesos fibers
Sample volume is below recommended limit of the method:
*Structure (S) Roughly equilvalent 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): 0.01fiber/cc (PCM), 70S/mm2, volume 1200L, for 25MM filter (TEM)

9/23/2001 9:50 AM

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