NYC-WTC_000368917

NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Freshkill Landfill
Sampling Date and Time: 09/28/01 1800 to 09/29/01 0700

					PCM by NIOSH 7400		TEM by NIOSH 7402		TEM (AHERA)			
Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	f/mm^2	f/cc	AF/NAF	Adjusted TEM f/cc	Structures (#) <5µ	Structures (#) >5µ	S/mm^2	S~f/cc*
9/28 - 9/29	00656	#1	717	Air	<7.0	<0.004	0/2	<0.004	0	0	<8.89	<0.0048
9/28 - 9/29	00657	#2	720	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.89	<0.0048
9/28 - 9/29	00658	#3	720	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.89	<0.0048
9/28 - 9/29	00659	#4	320	Air	<7.0	<0.008	0/0	<0.008	0	0	<8.00	<0.0096
9/28 - 9/29	00660	#5	700	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.89	<0.0049
9/28 - 9/29	02141	#6	240	Air	<7.0	<0.011	0/0	<0.011	0	0	<8.00	<0.0128
9/28 - 9/29	02142	#7	720	Air	<7.0	<0.004	0/0	<0.004	1**	0	8.89	0.0048
9/28 - 9/29	02143	#8	720	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.89	<0.0048
9/28 - 9/29	02144	#9A	700	Air	<7.0	<0.004	0/1	<0.004	0	0	<8.89	<0.0049
9/28 - 9/29	02145	#9B	273.4	Air	<7.0	<0.010	0/0	<0.010	0	0	<8.00	<0.0113
9/28 - 9/29	02146	#10	720	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.89	<0.0048

coc# 04024

** Chrysotile

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/mm^2, volume 1200 L, for 25 mm filter (TEM)

ERT: 09/30/01 9.50 AM
Revised : ERT: 10/04/01 3.30 PM

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FK-09-29-01B(oldFK-09-28-01)