NYC Response
Asbestos Air Sampling Results for Freshkill Landfill
Sampling Date and Time: 09/24/01 6.00 AM to 6.00 PM

					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	>5µ
9/24/2001	02121	Loc.#1	666.2	Air	<7.0	<0.004	0/0	<0.004	0	0
9/24/2001	02122	Loc.#2	709.1	Air	<7.0	<0.004	1/0	<0.004	0	0
9/24/2001	02123	Loc.#3	720	Air	<7.0	<0.004	0/5	<0.004	0	0
9/24/2001	02124	Loc.#4	717.9	Air	<7.0	<0.004	0/1	<0.004	0	0
9/24/2001	02125	Loc.#5	720	Air	<7.0	<0.004	0/5	<0.004	0	0
9/24/2001	02126	Loc.#6	720	Air	<7.0	<0.004	1/30	<0.004	1	0
9/24/2001	02127	Loc.#7	720	Air	<7.0	<0.004	0/2	<0.004	0	0
9/24/2001	02128	Loc.#8	720	Air	<7.0	<0.004	0/8	<0.004	0	0
9/24/2001	02129	Loc.#9a	720	Air	10.19	0.005	0/2	<0.004	0	0
9/24/2001	02130	Loc.#9b	720	Air	<7.0	<0.004	0/8	<0.004	0	0
9/24/2001	02131	Loc.#10	720	Air	<7.0	<0.004	0/25	<0.004	0	0

coc#04021

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): 0.01fiber/cc (PCM), 70S/mm2, volume 1200L, for 25MM filter (TEM)

9/26/2001

CITY_21MC100_002647448

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TEM (AHERA)	
S/mm^2	S~f/cc
<8.00	<0.0046
<8.0	<0.0043
<8.89	<0.0048
<8.00	<0.0043
<8.89	<0.0048
8.89	0.0048
<8.89	<0.0048
<8.89	<0.0048
<8.89	<0.0048
<8.89	<0.0048
<8.89	<0.0048

9:50 AM

CITY_21MC100_002647449

NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Freshkill Landfill
Sampling Date and Time: 09/23/01 18.30 PM to 09/24/01 06.30 AM

					PCM by NIOSH 7400		TEM by NIOSH 7402		TEM (AHERA)			
Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	f/mm²	f/cc	AF/NAF	Adjusted TEM f/cc	Structures (#) <5µ	Structures (#) >5µ	S/mm²	S~f/cc*
9/24/2001	02110	Loc.#1	638	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.00	<0.0048
9/24/2001	02102	Loc.#2	668	Air	<7.0	<0.004	0/1	<0.004	0	0	<8.00	<0.0046
9/24/2001	02103	Loc.#3	667	Air	<7.0	<0.004	0/2	<0.004	0	0	<8.00	<0.0046
9/24/2001	02104	Loc.#4	620	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.00	<0.0050
9/24/2001	02105	Loc.#5	240	Air	<7.0	<0.011	0/0	<0.011	0	0	<8.00	<0.0128
9/24/2001	02106	Loc.#6	672	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.00	<0.0046
9/24/2001	02107	Loc.#7	671	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.00	<0.0046
9/24/2001	02108	Loc.#8	669	Air	<7.0	<0.004	0/3	<0.004	0	0	<8.00	<0.0046
9/24/2001	02111	Loc.#9A	288	Air	<7.0	<0.009	0/1	<0.008	0	0	<8.00	<0.0107
9/24/2001	02112	Loc.#9B	720	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.00	<0.0048
9/24/2001	02109	Loc.#10	0	Air	No volume taken , results not available							

coc#04006

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

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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)

9/26/2001 9:50 AM

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