NYC Response
Asbestos Air Sampling Results for Freshkill Landfill
Sampling Date and Time: 09/26/01 0800 to 1800

					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
9/26/01	00751	#1	709	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.00	<0.0043
9/26/01	00752	#2	651	Air	<7.0	<0.004	0/8	<0.004	0	0	<8.00	<0.0047
9/26/01	00753	#3	648	Air	<7.0	<0.004	0/3	<0.004	0	0	<8.00	<0.0048
9/26/01	00754	#4	648	Air	<7.0	<0.004	0/1	<0.004	0	0	<8.00	<0.0048
9/26/01	00755	#5	643	Air	<7.0	<0.004	0/3	<0.004	0	0	<8.00	<0.0048
9/26/01	00756	#6	645	Air	<7.0	<0.004	0/3	<0.004	0	0	<8.00	<0.0048
9/26/01	00757	#7	642	Air	<7.0	<0.004	0/4	<0.004	0	0	<8.00	<0.0048
9/26/01	00758	#8	641	Air	<7.0	<0.004	0/12	<0.004	0	0	<8.00	<0.0048
9/26/01	00759	#9A	626	Air	8.92	0.005	0/7	<0.004	2	1	24	0.0148
9/26/01	00760	#9B	627	Air	7.64	0.005	0/8	<0.004	0	0	<8.00	<0.0049
9/26/01	00761	10	637	Air	10.19	0.006	0/6	<0.004	0	0	<8.00	<0.0048

coc# 04008

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: 09/28/01 2.00 PM

FK-09-26-01A

NYC Response
Asbestos Air Sampling Results for Freshkill Landfill
Sampling Date and Time: 09/26/01 to 09/27/01 (1830 to 0730)

					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
9/27/01	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

oc# 04117

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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: 09/29/01 9.50 AM

FK-09-27-01A

NYC Response
Asbestos Air Sampling Results for Freshkill Landfill
Sampling Date and Time: 09/27/01 0730 to 1830

					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
9/27/01	00641	Loc 1	628	Air	20.38	0.013	0/1	<0.004	0	0	<8.0	<0.0049
9/27/01	00642	Loc 2	650	Air	<7	<0.004	0/0	<0.004	0	0	<8.0	<0.0047
9/27/01	00643	Loc 3	650	Air	<7	<0.004	0/2.5	<0.004	0	0	<8.0	<0.0047
9/27/01	00644	loc 4	651	Air	<7	<0.004	0/0	<0.004	0	0	<8.0	<0.0047
9/27/01	00645	Loc 5	649	Air	<7	<0.004	0/0	<0.004	0	0	<8.0	<0.0047
9/27/01	00646	Loc 6	520	Air	<7	<0.005	0/2	<0.004	0	0	<8.0	<0.0059
9/27/01	00647	Loc 7	649	Air	<7	<0.004	0/0	<0.004	1	2	24	0.0142
9/27/01	00648	Loc 8	670	Air	<7	<0.004	0/0	<0.004	2	2	32	0.0184
9/27/01	00649	Loc 9A	628	Air	26.75	0.016	0/1	<0.004	?	0	16	0.0098
9/27/01	00650	Loc 9B	623	Air	34.39	0.021	0/1	<0.004	1	0	8	0.0049
9/27/01	00653	Loc 10	651	Air	16.56	0.010	0/1	<0.004	0	0	<8.0	<0.0047

COC 04009

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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)
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ERT: 9/29/01 9:50am

FK-09-27-01