

NYC Response

Asbestos Air Sampling Results for Staten Island Landfill

Sampling Date and Time: 09/30/01 0730 to 1830

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		
9/30/01	01654	#1	653	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.00	<0.0047
9/30/01	01662	#2	636	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.00	<0.0048
9/30/01	01661	#3	609	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.00	<0.0051
9/30/01	01660	#4	394	Air	<7.0	<0.007	0/0	<0.007	0	0	<8.00	<0.0078
9/30/01	01658	#5	614	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.00	<0.0050
9/30/01	01657	#6	614	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.00	<0.0050
9/30/01	01656	#7	545	Air	<7.0	<0.005	0/0	<0.005	0	0	<8.00	<0.0057
9/30/01	01655	#8	611	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.00	<0.0050
9/30/01	01652	#9A	579	Air	<7.0	<0.005	0/0	<0.005	0	0	<8.00	<0.0053
9/30/01	01653	#9B	582	Air	<7.0	<0.005	0/0	<0.005	0	0	<8.00	<0.0053
9/30/01	01651	#10	564	Air	11.46	0.008	0/2	<0.005	0	0	<8.00	<0.0055

coc# 04014

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: 10/02/01 9:50 AM