NYC-WTC_000455877

NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for Staten Island Landfill
Sampling Date and Times: 11/16/01 0710 to 2010

Sampling Date
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01
11/16/01

Key:

CITY_21MC100_008768649

NYC-WTC_000455878

NYC 9/11 Public Portal Document

Sample No.	Sampling Location	Sample Volume*	Matrix
LF00734	P-1	710	Air
LF00735	P-2	710	Air
LF00736	P-3	600	Air
LF00737	P-4	605	Air
LF00738	P-5	720	Air
LF00739	P-6	720	Air
LF00740	P-7	720	Air
LF00741	P-8	636	Air
LF00742	W-11	720	Air
LF00743	W-12A	720	Air
LF00744	W-12B	686	Air
LF00745	B-13	720	Air
LF00746	B-14	720	Air
LF00747	T-15	689	Air
LF00748	T-16	720	Air
LF00750-A	O-17	400	Air
LF00749	Lot Blank	0	Air
LF00750	Trip Blank	0	Air

* Sample volume (liters) is below recommended limit for the TEM method; volume is based on pump reading
** Structure (S) is roughly equivalent to fiber (f)
*** Chrysotile
NA (1) - Not analyzed due to overloading of particulates
NA (2) - Not analyzed for TEM
n/a - Not applicable
NR - Not requested
NS - Sample not submitted due to no sample volume
R - Sample data rejected due to no sample volume

OEM000056871

CITY_21MC100_008768650

NYC-WTC_000455879

NYC 9/11 Public Portal Document

Data Validation Date: 11/17/2001

CM by NIOSH 7		TEM (AHERA)					
		Structures (#)					
f/mm^2	f/cc	0.5µ - 5µ	5µ	S/mm^2	S~f/cc**	Fibers	
8.92	0.005	0	0	<8.89	<0.0048	7	100
11.46	0.006	0	0	<8.89	<0.0048	9	100
8.28	0.005	0	0	<8.00	<0.0051	6.5	100
<7.0	<0.004	0	0	<8.00	<0.0051		100
<7.0	<0.004	0	0	<8.89	<0.0048		100
<7.0	<0.004	0	0	<8.89	<0.0048		100
<7.0	<0.004	0	0	<8.89	<0.0048		100
7.64	0.005	0	0	<8.00	<0.0048	6	100
22.93	0.012	0	0	<8.89	<0.0048	18	100
12.74	0.007	0	1***	8.89	0.0048	10	100
10.83	0.006	0	0	<8.00	<0.0046	8.5	100
<7.0	<0.004	0	0	<8.89	<0.0048		100
12.74	0.007	0	0	<8.89	<0.0048	10	100
14.01	0.008	1***	1***	16	0.0089	11	100
7.01	0.004	0	0	<8.89	<0.0048	5.5	100
<7.0	<0.007	0	1***	8	0.0077		
<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)		
<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)		

CITY_21MC100_0087686S1

NYC-WTC_000455880

NYC 9/11 Public Portal Document

NIOSH 7400: Fiber Analysis of Air samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94
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)

CITY_21MC100_008768652