

Response

for Air Sampling Results for Staten Island Landfill

Sampling Date and Time: 10/05/01 0700 or 1200 to 1900

Sampling Location	Sample No.	Sampling Location	Sample Volume	Matrix	PCM by NIOSH 7400		TEM (AHERA)			
					f/mm ²	f/cc	Structures (#)		S/mm ²	S-f/cc*
							0.5µ-5µ	>5µ		
/01	02171	#1	668.9	Air	8.92	0.005	0	0	<8.61	<0.0050
/01	02172	#2	668.7	Air	11.46	0.007	0	0	<8.61	<0.0050
/01	02173	#3	706	Air	35.67	0.02	0	0	<8.61	<0.0047
/01	02174	#4	702.2	Air	24.2	0.013	0	0	<8.61	<0.0047
/01	02175	#5	700.6	Air	7.54	0.004	0	0	<8.61	<0.0047
/01	02176	#6	80	Air	<7.0	<0.034	0	0	<7.76	<0.0373
/01	02177	#7	706	Air	8.92	0.005	0	0	<7.75	<0.0042
/01	02178	#8	711.6	Air	40.76	0.022	0	0	<8.61	<0.0047
/01	02179	#9A	720	Air	29.3	0.016	0	0	<8.61	<0.0046
/01	02180	#9B	680	Air	7.64	0.004	0	0	<8.61	<0.0049
/01	02181	#9C	685	Air	20.38	0.012	0	0	<8.61	<0.0048
/01	02182	#10	666	Air	38.22	0.022	0	0	<8.61	<0.0050

4222

NS: Not sampled

Sample volume is below recommended limit of the method:

*Structure (S) roughly equivalent to fiber (f)

NA: not analyzed due to overloading of particulates

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

for Fiber Analysis by Transmission Electron Microscopy (TEM) EPA 40CFR Part 763 (AHERA)

and criteria: EPA 40CFR Part 763 (AHERA): 0.01 fiber/cc (PCM), 70 S/mm², volume 1200 L, for 25 mm filter (TEM)

ERT: 10/09/01 9:50 AM

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