NYC 9/11 Public Portal Document

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ELAP # 11681
NVLAP #200531-0

TEM AIR SAMPLE RESULTS

CLIENT:	Tech Clean	SAMPLE DATE:	September 20, 2001
PROJECT NAME:	AMEX	RECEIVED DATE:	September 21, 2001
			Final Clearance Ambient
AREA:	22 Thames, 10th Floor	SAMPLER:	L. Savarese
CLIENT #:	00-10233	CUSTODY #:	8-04-09

Sample #	Sample Location	Start	End	Run Time minutes	Flow Rate Avg.	Volume Liters	Filter Conc. S/mm2	Sensitivity S/cc	Air Conc. S/cc
TEM F1	1015, 10th Floor	1:12	5:31	259	10	2590	0.0	0.0019	<Sensitivity
TEM F2	1010, 10th Floor	1:00	5:25	265	10	2650	0.0	0.0018	<Sensitivity
TEM F3	1005, 10th Floor	1:15	5:28	253	10	2530	0.0	0.0019	<Sensitivity
TEM F4	Center of 10th Floor	1:15	3:50	155	10	1550	0.0	0.0031	<Sensitivity
TEM F5	10th Floor Copy Area	1:10	3:55	155	10	1550	0.0	0.0031	<Sensitivity

Analyzed by: Edward Butch Date Analyzed: 9.23.01

S=Asbestos structures,cc=cubic centimeters, mm=millimeter
<= less than, Flow Rate in liters per minute

Samples were analyzed using Philips 400T Transmission Electron Microscope. Asbestos identification is determined by the morphology, visual Selected Area Electron Diffraction (SAED), and Elemental Analysis using an Energy Dispersive X-ray Analyzer (EDAX).
Concentration on the filter is calculated by taking the number of asbestos structures and dividing by the area analyzed. Air concentration is calculated by multiplying the effective filter area (EFA) by the filter concentration and then dividing by the volume of air collected in cubic centimeters (cc).
The data pertaining to these calculations can be found on the Asbestos Count Sheet.
The air filter concentration relates only to air fiber content. When samples are submitted by an outside agency for analysis, Enviroscience. can only guarantee the accuracy of the filter concentration. This report may not be reproduced without the express permission of Enviroscience. This report can not be used to claim endorsement of products by NVLAP or any agency of the U.S. Government.
The samples collected in the response action area demonstrated a filter concentration of asbestos less than seventy structures per square millimeter. This response action is considered complete according to EPA 40 CFR 763.
A result of zero structures per square millimeter is only applicable to the area analyzed. Test results only reflect conditions at the time samples were taken.

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