NYC 9/11 Public Portal Document

ENVIROSCIENCE CONSULTANTS, INC.

2150 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK 11779
PHONE: (631) 580-3191
FACSIMILE: (631) 580-3195
WWW.ENVIROHEALTH.ORG

ELAP # 11681
NVLAP #200531-0

TEM AIR SAMPLE RESULTS

CLIENT:	Tech Clean	SAMPLE DATE:	September 24, 2001
PROJECT NAME:	AMEX 22 Thames	RECEIVED DATE:	September 25, 2001
AREA:	4th Floor	SAMPLER:	Ambient B. Gallagher
CLIENT #:	00-10233	CUSTODY #:	B-05-04

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 A12	Room 401	15:54	21:10	316	8.5	2686	0.0	0.0018	<Sensitivity
TEM A13	Room 417	16:00	21:05	305	8.5	2592	0.0	0.0019	<Sensitivity
TEM A14	Room 414, hallway	16:00	21:07	307	10	3070	12.63	0.0016	<Sensitivity
TEM A15	Room 430	16:03	21:14	311	8.5	2643	0.0	0.0018	<Sensitivity
TEM A16	Room 425	16:05	21:05	300	9	2700	0.0	0.0018	<Sensitivity
TEM A17	Outside fire escape	16:10	21:07	297	8.5	2524	0.0	0.0019	<Sensitivity
-	"D" Outdoors	-	-	-	-	-	-	-	-

Analyzed by: [signature] Date Analyzed: 9-26-01

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.

CITY_21MC100_002850734

NYC-WTC_000367482