NYC 9/11 Public Portal Document

SciLab Job #: **202022293**

Client Name: TRC Environmental Corporation

Phase Contrast Microscopy (PCM) Fiber Results

35052-0000-00007; NYC Law Dept.; 100 Church Street, AMBIENT

SciLab Sample #	Client Sample # / Location	Date Collected	Flow Rate (liters/min.)	Duration (min.)	Air Filtered (liters)	Fields	Fibers	Fiber Density (Fibers/mm ^{2})	Fibers Conc. (Fibers/cc)	TWA
01	GS-ASB-21302-0662 6th Floor At WS-6-181a	2/13/02	5	270	1350	100	45	57.32	0.016	
02	GS-ASB-21302-0663 5th Floor At WS-5-140	2/13/02	5	265	1325	100	1	1.27	< 0.002	
03	GS-ASB-21302-0664 6th Floor At WS-6-173a	2/13/02	5	240	1200	100	1.5	1.91	< 0.002	
04	GS-ASB-21302-0665 5th Floor At WS-5125	2/13/02	5	240	1200	100	1.5	1.91	< 0.002	
05	GS-ASB-21302-0666 Blank	2/13/02	0	0	0	100	0.5	0.64	**Footnotes:** *1*	
06	GS-ASB-21302-0667 Blank	2/13/02	0	0	0	100	0.5	0.64	**Footnotes:** *1*	

Reporting Notes:

(1) Fibers/cc cannot be calculated for samples (or blanks) with no air volume.

Analyzed by: Marvin Brothers M Brothers; Date Analyzed: 2/14/02

Samples analyzed by NIOSH 7400(A) Method, Issue #2, 8/15/94: Limit of Detection= 5.5 fibers per 100 fields or 7 fibers/mm2: This report relates ONLY to the sample analysis expressed as fibers/sq mm of filter area: ND=No fibers observed: NA= Not Analyzed; Walton-Beckett graticle field area = 0.00785 mm2: TWA = 8 Hr TWA calculation assumes zero exposure for remainder of 8 hr period not sampled: Upper 95% Confidence limit (Employers Compliance Test)- Calculated as a one sided UCL to determine 95% certainty of compliance with the 0.01 fiber/cc standard: Estimated relative standard deviation: Intralab Sr=0.405, Interlab Sr=0.45, New York samples (NYSDOH ELAP Lab # 11480): National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. AIHA # 102843.

CITY_21MC100_012557322

NYC-WTC_000174329