NYC 9/11 Public Portal Document

SciLab #: **202021512**

Client Name: TRC Environmental Corporation

Phase Contrast Microscopy (PCM) Fiber Results

35052-0000-00007; N.Y.C. Law Dept.; 100 Church Street, New York (OSHA)

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-OSHA-0401	2/6/02	2	30	60	100	8	10.19	0.065	
	Joshua Figueroa's S.T.E.L.									
02	GS-OSHA-0402	2/6/02	2	30	60	100	10	12.74	0.082	
	Daniel Reilly's S.T.E.L.									
03	GS-OSHA-0403	2/6/02	0	0	0	100	0.5	0.64		
	Blank								**Footnotes:** *1*	
04	GS-OSHA-0404	2/6/02	0	0	0	100	0.5	0.64		
	Blank								**Footnotes:** *1*	

Reporting Notes:

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

Analyzed by: Devin Ahyee Devin Ahyee ; Date Analyzed: 2/6/02

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.