NYC 9/11 Public Portal Document

SciLab [redacted] #: **202023409**

Client Name: TRC Environmental Corporation

Phase Contrast Microscopy (PCM) Fiber Results

35052-0000-00007; New York City Law Department; 100 Church Street

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-2/23/02-STEL-0618	2/23/02	2	30	60	100	2	2.55	< 0.045	
	Loading Dock, East Side									
02	GS-2/23/02-STEL-0619	2/23/02	2	30	60	100	1.5	1.91	< 0.045	
	Loading Dock, West Side									
03	GS-2/23/02-STEL-0620	2/23/02	0	0	0	100	0.5	0.64		
	Blank								**Footnotes:** *1*	
04	GS-2/23/02-STEL-0621	2/23/02	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: Tatyana Grimchak _____; Date Analyzed: 2/23/02

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.

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