

# MICRO ANALYTICAL LABORATORIES, INC.

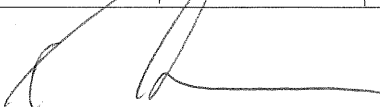
## PHASE CONTRAST MICROSCOPY

1122  
C & W Environmental Consulting  
2532 Santa Clara Avenue  
PMB 390  
Alameda, CA 94501

PROJECT:  
COUNTY OF MONTEREY  
SUPERIOR COURTHOUSE  
NORTH WING  
240 CHURCH STREET  
SALINAS, CA

Micro Log In **86664**  
Total Samples 10  
Date Sampled 09/05/2006  
Date Received 09/06/2006  
Date Analyzed 09/06/2006

Sample ID	Field Data	Lab Data	Fibers / cc	Limits	
Client: <b>COM-9506-R3-1</b> Micro: 86664-01 <b>EAST ROOF O/S</b>	Time 365 Rate 4 Liters 1460.0	Fibers 13 Fields 100 F/mm <sup>2</sup> 16.6	<b>0.004</b>	LCL 0.001 LOD 0.002 CV	UCL 0.007 LOQ 0.026 0.35
Client: <b>COM-9506-R3-2</b> Micro: 86664-02 <b>THIRD FLOOR COURT HALL AT JURY ROOM</b>	Time 359 Rate 4 Liters 1436.0	Fibers 27 Fields 100 F/mm <sup>2</sup> 34.4	<b>0.009</b>	LCL 0.004 LOD 0.002 CV	UCL 0.015 LOQ 0.027 0.30
Client: <b>COM-9506-R3-3</b> Micro: 86664-03 <b>THIRD FLOOR MEZZANINE AT WATER FOUNTAIN</b>	Time 363 Rate 4 Liters 1452.0	Fibers 39 Fields 100 F/mm <sup>2</sup> 49.7	<b>0.013</b>	LCL 0.005 LOD 0.002 CV	UCL 0.021 LOQ 0.027 0.30
Client: <b>COM-9506-R3-4</b> Micro: 86664-04 <b>SECOND FLOOR MEZZANINE AT STAIRWELL</b>	Time 359 Rate 4 Liters 1436.0	Fibers 23 Fields 100 F/mm <sup>2</sup> 29.3	<b>0.008</b>	LCL 0.003 LOD 0.002 CV	UCL 0.012 LOQ 0.027 0.30
Client: <b>COM-9506-R3-5</b> Micro: 86664-05 KS <b>FIRST FLOOR LOBBY AT WATER FOUNTAIN</b>	Time 358 Rate 4 Liters 1432.0	Fibers 30 Fields 100 F/mm <sup>2</sup> 38.2	<b>0.010</b>	LCL 0.004 LOD 0.002 CV	UCL 0.016 LOQ 0.027 0.30

Technical Supervisor: 

Frank Raviola, M.S.

9/6/2006

Date Reported

Analyst: \_\_\_\_\_

KS

AIHA IHLAP Laboratory Accreditation / PAT ID No. 101768. Samples are analyzed using the NIOSH 7400 Method (NIOSH Manual of Analytical Methods, 4th Ed., Issue 2 of Rev. 3, 8/15/1994). The "A" Rules are used, unless otherwise noted. The limit of detection (LOD) is 7 fibers/mm<sup>2</sup>. Limits of quantification for optimal precision and accuracy are 100 (LOQ) and 1300 fibers/mm<sup>2</sup>. The 95% UCL and LCL (Upper and Lower Confidence Limits of the Two-sided 95% Confidence Interval) represent the highest and lowest expected concentrations (in fibers/cc) for a given fiber count, based on the reported concentration. Intralaboratory coefficients of variation (CV) for various fiber loadings are reported. Limits for compliance testing may be calculated by the client, using the CV and an appropriate regulatory standard, e.g. UCL = (Concentration + [1.645 x CV x Standard]). Concentrations are field blank-corrected. Time is in minutes, flow rate is in liters per minute. 8 Hour TWA: calculated time weighted average concentration (in fibers/cc) based on 8 hours. Note: due to method variability, 95% LCL and UCL for the TWA may vary significantly from reported TWA values. The 8 hour TWA may not be statistically accurate for actual total times less than 8 hours; zero concentration is assumed for remaining time if no information is given. Micro Analytical Laboratories, Inc. assumes no responsibility for clients' interpretation of any requested TWA data or calculations in this report. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. This report must not be reproduced except in full, with the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Micro Analytical Laboratories, Inc. shall not be responsible for clients' deviations from any prescribed sampling parameters. Air volumes are based on client data. The laboratory's verifiability of results is limited to fibers per mm<sup>2</sup>. N/A = not applicable.

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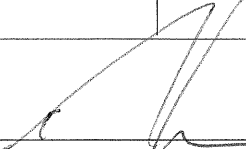
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Sample ID	Field Data	Lab Data	Fibers / cc	Limits	
Client: <b>COM-9506-R3-6</b> Micro: 86664-06 <b>FIRST FLOOR COURT HALL AT JURY ROOM</b>	Time 358 Rate 4 Liters 1432.0	Fibers 21.5 Fields 100 F/mm <sup>2</sup> 27.4	<b>0.007</b>	LCL 0.003 LOD 0.002 CV	UCL 0.012 LOQ 0.027 0.30
Client: <b>COM-9506-R3-7</b> Micro: 86664-07 <b>BASEMENT WEST CORRIDOR AT CONSTRUCTION DOOR</b>	Time 353 Rate 4 Liters 1412.0	Fibers 18 Fields 100 F/mm <sup>2</sup> 22.9	<b>0.006</b>	LCL 0.002 LOD 0.002 CV	UCL 0.011 LOQ 0.027 0.35
Client: <b>COM-9506-R3-8</b> Micro: 86664-08 <b>BASEMENT NORTH CORRIDOR AT MECHANICAL ROOM</b>	Time 350 Rate 4 Liters 1400.0	Fibers 27 Fields 100 F/mm <sup>2</sup> 34.4	<b>0.009</b>	LCL 0.004 LOD 0.002 CV	UCL 0.015 LOQ 0.028 0.30
Client: <b>COM-9506-R3-9</b> Micro: 86664-09 <b>FIELD BLANK</b>	Time Rate Liters	Fibers 0 Fields 100 F/mm <sup>2</sup> < 7.0		LCL LOD CV	UCL LOQ 0.60
Client: <b>COM-9506-R3-10</b> Micro: 86664-10 <b>SEALED BLANK</b>	Time Rate Liters	Fibers 0 Fields 100 F/mm <sup>2</sup> < 7.0		LCL LOD CV	UCL LOQ 0.60

Technical Supervisor: 

Frank Raviola, M.S.

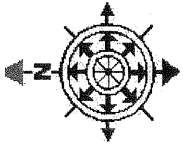
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Analyst: \_\_\_\_\_

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**C&W Environmental Consulting, Inc.**

**CHAIN OF CUSTODY**

86664  
PCM

Client: County of Monterey - North Hill Courthouse Sampling Date: 9/15/06

Site Address: 240 Church St Salinas CA Page (s): 1 of 1

Turnaround Time: Asap!

ID	Analysis	Description	Start Time	Stop Time	Total Time	Average LPM	Total Liters	Pore Size
CM-9506-R3-1	perm	EAST ROOF 0/s	17:24	23:29		4.0		18
2		3/F COURT HALL AT JURY ROOM	17:34	23:33		4.0		
3		3/F <del>BEER</del> MEZZANINE AT WATER FOUNTAIN	17:32	23:35		4.0		
4		2/F MEZZANINE AT STAIRWELL	17:39	23:38		4.0		
5		1/F LOBBY AT WATER FOUNTAIN	17:43	23:41		4.0		
6		1/F COURT HALL AT JURY ROOM	17:44	23:42		4.0		
7		BASEMENT - WEST CORRIDOR AT CONSTRUCTION DOOR	17:52	23:45		4.0		
8		6 - N. CORRIDOR AT MECHANICAL ROOM	17:57	23:47		4.0		
9		FIELD BLANK	:	:				
V-10		SEALED BLANK	:	:				

Additional Notes: Please re-analyze #1, 7 & 8 AND ANY OTHER ABOVE .01F/EE BY  
DEM YOUNG & Z

Relinquished by: <u>[Signature]</u>	Date & Time: <u>9/15/06</u>
Relinquished by: <u>[Signature]</u>	Date & Time: <u>9/15/06 2:40</u>
Received by: <u>[Signature]</u>	Date & Time: <u>9/16/06 2:15AM</u>