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 **86490**
Total Samples 9
Date Sampled 08/30/2006
Date Received 08/31/2006
Date Analyzed 08/31/2006

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: **83006-R3-1** Micro: 86490-01 **OUTSIDE WORK AREA** **BASEMENT** **NORTH CORRIDOR** **@ MECHANICAL ROOM**	Time 325 Rate 4 Liters 1300.0	Fibers 40 Fields 100 F/mm² 51.0	**0.015**	LCL 0.007 UCL 0.023 LOD 0.002 LOQ 0.030 CV 0.28
Client: **83006-R3-2** Micro: 86490-02 **OUTSIDE WORK AREA** **BASEMENT** **SOUTH CORRIDOR** **@ CONSTRUCTION ENTRANCE**	Time 330 Rate 4 Liters 1320.0	Fibers 57 Fields 100 F/mm² 72.6	**0.021**	LCL 0.010 UCL 0.033 LOD 0.002 LOQ 0.029 CV 0.28
Client: **83006-R3-3** Micro: 86490-03 **OUTSIDE WORK AREA** **1ST FLOOR LOBBY CORRIDOR** **@ WATER FOUNTAIN**	Time 335 Rate 4 Liters 1340.0	Fibers Fields F/mm² **THE FILTER IS OVERLOADED WITH PARTICLES - NO FIBER COUNT POSSIBLE**		LCL UCL LOD LOQ CV
Client: **83006-R3-4** Micro: 86490-04 **OUTSIDE WORK AREA** **1ST FLOOR COURT HALL** **@ JURY ROOM**	Time 328 Rate 4 Liters 1312.0	Fibers 62.5 Fields 100 F/mm² 79.6	**0.023**	LCL 0.011 UCL 0.036 LOD 0.002 LOQ 0.029 CV 0.28
Client: **83006-R3-5** Micro: 86490-05 **OUTSIDE WORK AREA** **2ND FLOOR MEZZANINE** **@ STAIRWAY**	Time 332 Rate 4 Liters 1328.0	Fibers 38 Fields 100 F/mm² 48.4	**0.014**	LCL 0.006 UCL 0.022 LOD 0.002 LOQ 0.029 CV 0.30

Technical Supervisor: _____ 8/31/2006 Analyst: KS
Frank Raviola, M.S. Date Reported

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/mm². Limits of quantification for optimal precision and accuracy are 100 (LOQ) and 1300 fibers/mm². 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 labotatory's verifiability of results is limited to fibers per mm². N/A = not applicable.

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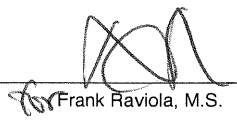
Date Analyzed 08/31/2006

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: **83006-R3-6** Micro: 86490-06 KS **OUTSIDE WORK AREA** **3RD FLOOR MEZZANINE** **@ WATER FOUNTAIN**	Time 334 Rate 4 Liters 1336.0	Fibers 37 Fields 100 F/mm² 47.1	**0.014**	LCL 0.006 UCL 0.022 LOD 0.002 LOQ 0.029 CV 0.30
Client: **83006-R3-7** Micro: 86490-07 **OUTSIDE WORK AREA** **OUTSIDE AIR** **EAST ROOF**	Time 340 Rate 4 Liters 1360.0	Fibers 11 Fields 100 F/mm² 14.0	**0.004**	LCL 0.001 UCL 0.007 LOD 0.002 LOQ 0.028 CV 0.35
Client: **BLANK** Micro: 86490-08 **SEALED BLANK**	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.60
Client: **BLANK** Micro: 86490-09 **FIELD BLANK**	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.60

Technical Supervisor:  Frank Raviola, M.S.

8/31/2006
Date Reported

Analyst: KS

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C&W Environmental Consulting, Inc.

86490
PCM

CHAIN OF CUSTODY

Project

Client: County of Monterey – Superior Courthouse North Wing

Site Address: 240 Church Street, Salinas CA

Sampling Date: 8/30/06

Page (s): 1 of 1

Turnaround Time: RUSH

ID	Analysis	Description	Start Time	Stop Time	Total Time	Average LPM	Total Liters	Pore Size
83006 - R3 - 1	PCM/TEM Yamate	OWA Basement North corridor @ mechanical room	18:34	23:59	325	4	1300	.8
2	↓	↓ south corridor @ construction entrance	18:30	0:00	330	(	1320	
3	PCM	1st floor lobby corridor @ water fountain	18:27	0:02	335		1340	
4		↓ court hall @ jury room	18:40	0:08	332		1328	
5		2nd floor mezzanine @ stairway	18:23	23:55	332		1328	
6	↓	3rd floor corridor mezzanine @ water fountain	18:22	13:56	334		1336	
7	PCM/TEM Yamate2	outside air - east roof	18:18	23:58	340	↓	1360	
-	PCM	sealed blank	:	:				
-	↓	field blank	:	:				
			:	:				

Additional Notes: please analyze all PCMs 2001/rec by TEM Yamate2. Thanks!

Relinquished by:	Date & Time	Received by:	Date & Time
	8/31/06 2:00AM		8/31/06 2:46
	8/31/06 3:43	Rao Sarlee	8/31/06 3:00 Am

Asbestos/Lead

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