

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 **86547**
Total Samples 9
Date Sampled 08/31/2006
Date Received 09/01/2006
Date Analyzed 09/01/2006

Sample ID	Field Data	Lab Data	Fibers / cc	Limits	
Client: 83106-R3-1 Micro: 86547-01 OUTSIDE WORK AREA BASEMENT NORTH CORRIDOR AT MECH. ROOM	Time 323 Rate 4 Liters 1292.0	Fibers 48 Fields 100 F/mm ² 61.1	0.018	LCL 0.008 LOD 0.002 CV	UCL 0.028 LOQ 0.030 0.28
Client: 83106-R3-2 Micro: 86547-02 OUTSIDE WORK AREA BASEMENT SOUTH CORRIDOR AT CONSTRUCTION ENTRY	Time 324 Rate 4 Liters 1296.0	Fibers 20.5 Fields 100 F/mm ² 26.1	0.008	LCL 0.003 LOD 0.002 CV	UCL 0.012 LOQ 0.030 0.30
Client: 83106-R3-3 Micro: 86547-03 AL OUTSIDE WORK AREA 1ST FLOOR LOBBY CORRIDOR AT WATER FOUNTAIN	Time 307 Rate 4 Liters 1228.0	Fibers 62.5 Fields 100 F/mm ² 79.6	0.025	LCL 0.011 LOD 0.002 CV	UCL 0.039 LOQ 0.031 0.28
Client: 83106-R3-4 Micro: 86547-04 OUTSIDE WORK AREA 1ST FLOOR COURT HALL AT CLERK'S OFFICE	Time 312 Rate 4 Liters 1248.0	Fibers 107.5 Fields 75 F/mm ² 182.6	0.056	LCL 0.031 LOD 0.002 CV	UCL 0.081 LOQ 0.031 0.23
Client: 83106-R3-5 Micro: 86547-05 OUTSIDE WORK AREA 2ND FLOOR MEZZANINE	Time 337 Rate 4 Liters 1348.0	Fibers 109 Fields 68 F/mm ² 204.2	0.058	LCL 0.033 LOD 0.002 CV	UCL 0.084 LOQ 0.029 0.23

Technical Supervisor: _____


Frank Raviola, M.S.

9/1/2006
Date Reported

Analyst: _____

AL

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 laboratory's verifiability of results is limited to fibers per mm². N/A = not applicable.

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Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: 83106-R3-6 Micro: 86547-06 OUTSIDE WORK AREA 3RD FLOOR MEZZANINE CORRIDOR AT WATER FOUNTAIN	Time 331 Rate 4 Liters 1324.0	Fibers 101 Fields 59 F/mm ² 218.1	0.063	LCL UCL 0.035 0.091 LOD LOQ 0.002 0.029 CV 0.23
Client: 83106-R3-7 Micro: 86547-07 OUTSIDE WORK AREA OUTSIDE AIR EAST ROOF	Time 328 Rate 4 Liters 1312.0	Fibers 3 Fields 100 F/mm ² < 7.0	< 0.002	LCL UCL 0.000 0.004 LOD LOQ 0.002 0.029 CV 0.60
Client: 86547-08 Micro: 86547-08 SEALED BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 0.60
Client: 86547-09 Micro: 86547-09 FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 0.60

Technical Supervisor: _____


Frank Raviola, M.S.

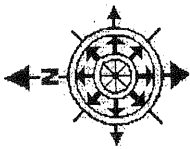
9/1/2006
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8654A



C&W Environmental Consulting, Inc.

CHAIN OF CUSTODY

Project

Client: County of Monterey - Superior Courthouse North Wing
 Site Address: 240 Church Street, Salinas CA

Sampling Date: 8/31/06

Page (s): 1 of 1

Turnaround Time: RUSH

ID	Analysis	Description	Start Time	Stop Time	Total Time	Average LPM	Total Liters	Pore Size
83100-03-1	PUMITEM yamatuz	00WA Basement north corridor @ mech. room	18:37	0:02	323	4	1292	0.1
2	↓	↓ south corridor @ construction entry	18:37	0:01	324		1296	
3	PUM	1st floor lobby corridor @ fountain	18:46	23:53	307		1228	
4	↓	↓ court hall @ clerk's office	18:52	0:04	312		1248	
5	↓	2nd floor mezzanine	18:52	23:59	337		1348	
6	↓	3rd floor mezzanine corridor @ fountain	18:53	23:54	381		1374	
7	PUMITEM yamatuz	↓ outside air - east roof	18:57	23:57	378		1312	
-	PUM	sealed blank	:	:				
-	↓	field blank	:	:				

Additional Notes: please analyze all pumps 2 0.01 L/c @ by TEM yamatuz. Thanks!

Relinquished by: Date & Time: 9/1/06 2:00pm
 Relinquished by: Date & Time: 9/1/06 3:00pm

Received by: Date & Time: 9/1/06 3:40
 Received by: Date & Time: 9/1/06 02:40