

MICRO ANALYTICAL LABORATORIES, INC.

TEM YAMATE LEVEL II (MODIFIED)

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

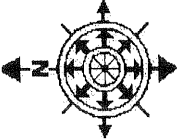
PROJECT:
COUNTY OF MONTEREY
SUPERIOR COURTHOUSE
NORTH WING
240 CHURCH STREET
SALINAS, CA

Micro Log In **86773**
Total Samples 1
Date Sampled 09/07/2006
Date Received 09/08/2006
Date Analyzed 09/08/2006

SAMPLE INFORMATION		ASBESTOS STRUCTURE COUNT		CALCULATED ASBESTOS STRUCTURE CONCENTRATION			
CLIENT ID		ASBESTOS TYPE		Str. per mm ²		Str. per cc	
COM-9706-R2-5		CHRYSOTILE	<input type="text" value="0"/>	< 9.4		< 0.001	
MICRO ID 86773-01		GRUNERITE (AMOSITE)	<input type="text" value="0"/>	95% LCL	95% LCL		
Time	682	RIEBECKITE (CROCIDOLITE)	<input type="text" value="0"/>	0.0	0.000		
LPM	4.00	TREMOLITE	<input type="text" value="0"/>	95% UCL	95% UCL		
Liters	2728.0	ACTINOLITE	<input type="text" value="0"/>	34.8	0.005		
DESCRIPTION		ANTHOPHYLLITE	<input type="text" value="0"/>	Asbestos Structures Subdivided By Length			
SECOND FLOOR MEZZANINE AT STAIRWAY (REANALYSIS OF PCM 86771-05)		TOTAL ASBESTOS	<input type="text" value="0"/>	Length	No.	S/mm ²	S/cc
				<5 μm	0	< 9.4	< 0.001
				≥ 5 μm	0	< 9.4	< 0.001
COMMENTS							
NO ASBESTOS DETECTED							
The particle loading is moderate.							
Operating Parameters		Field Filter Data		Analytical Sensitivity		SAED Photo No. / ID	
TEM Magnification	16,000X ± 5%	Type	MCE	0.001	Str. per cc		
Grid Squares	10	Diameter	25 mm	Quantitation Limits		Non-asbestos Structures	
Grid Square Area	0.0106 mm ²	Collection Area	385 mm ²	0.005	Str. per cc	Gypsum	Other
Scan Area	0.1060 mm ²			34.8	Str. per mm ²	0	0

Technical Supervisor: Frank Raviola, M.S. Date Reported: 9/8/2006 Analyst: AL

Analyses follow a modification of the Level II protocol from Yamate and others, 1984, "Methodology for the Measurement of Airborne Asbestos by Transmission Electron Microscopy". Direct preparations follow the AHERA method (1987), 40 CFR Part 763, Appendix A to Subpart E. Asbestiform structures with aspect ratio of 3:1 or greater, are counted. Analysis may be stopped after 50 or more asbestos structures are counted. Concentrations and limits expressed in "Structures per mm²" are applicable only to samples with volumes of 1199 or more liters. The 95% UCL and LCL (Upper and Lower Limits of the Two-sided 95% Confidence Interval) are estimated measures of variability; they represent the highest and lowest expected concentrations (with 95% confidence) for a given asbestos count, based on measured concentration and standard statistical principles. Variability due to different airborne fiber distributions, whether on different portions of the same filter or from different filters from the same sampled area, may be significantly greater. Analytical sensitivity is the airborne concentration represented by each asbestos structure; it is not the same as the detection limit. The detection limit is approximately 3.7 times the analytical sensitivity. Non-asbestos counts are approximate; specific characterization of non-asbestos particles is not applicable to this analysis. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. This report must not be reproduced except in full, with the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. Air volume information is reported as given by the client. N/G = not given. N/A = not applicable.



C&W Environmental Consulting, Inc.

86773 (AMATE II)

CHAIN OF CUSTODY

Project: County of Monterey - Northwing Courthouse

Client: County of Monterey - Northwing Courthouse Sampling Date: 9/17/06

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

Turnaround Time: Quick

ID	Analysis	Description	Start Time	Stop Time	Total Time	Average LPM	Total Liters	Pore Size
COM-9106-R2-1	PCM	EAST ROOF	06:57	18:49		4		.8
2		PENTHOUSE WEST ROOM	06:59	18:51		4		
3		3/F - ADMINISTRATION AT SWITCHBOARD	07:04	18:46		4		
4		1/F - COURT HALL AT JURY ROOM	07:06	18:39		4		
5		2/F - MEZZANINE AT STAIRWAY	07:13	18:35		4		
6		1/F - COURT HALL AT JURY ROOM	07:15	18:31		4		
7		BASEMENT - PUBLIC SEWAGE SIFT	07:19	18:23		4		
8		- HOLDING CORES	07:17	16:00		4		
9		- 50 FILE ROOMS	07:23	18:26		4		
10		- N. CORRIDOR AT MECH ROOM	07:25	18:27		4		

Additional Notes: SAMPLE # 11 - FIELD ROOM/SAMPLE # 12 - SEALED BLANK.
 LETS REANALYZE SAMPLES 1, 2, 7, 8, 9, 10 AND ANY OTHER ABOVE 0.01 F/EC BY TEM AMATE 2

Relinquished by: [Signature] Date & Time: 9/17/06

Received by: [Signature] Date & Time: 9/18/06 12:46

Relinquished by: [Signature] Date & Time: 9/18/06 2:40

Received by: [Signature] Date & Time: 9/18/06 01:40 AM