

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

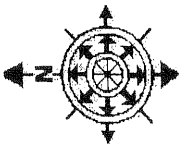
Micro Log In **87154**
 Total Samples 1
 Date Sampled 09/18/2006
 Date Received 09/19/2006
 Date Analyzed 09/19/2006

SAMPLE INFORMATION	ASBESTOS STRUCTURE COUNT	CALCULATED ASBESTOS STRUCTURE CONCENTRATION			
CLIENT ID <div style="border: 1px dashed black; padding: 2px; width: fit-content; margin: 5px auto;">091806-116-01</div> MICRO ID 87154-01 Time 130 LPM 9.50 Liters 1235.0 DESCRIPTION AREA SAMPLE WITHIN ROOM 116 NORTH WING (REANALYSIS OF PCM 87153-01)	ASBESTOS TYPE CHRYSOTILE <input type="text" value="0"/> GRUNERITE (AMOSITE) <input type="text" value="0"/> RIEBECKITE (CROCIDOLITE) <input type="text" value="0"/> TREMOLITE <input type="text" value="0"/> ACTINOLITE <input type="text" value="0"/> ANTHOPHYLLITE <input type="text" value="0"/> TOTAL ASBESTOS <input type="text" value="0"/>	Str. per mm² <div style="border: 1px dashed black; padding: 5px; width: fit-content; margin: 5px auto;">< 9.4</div> 95% LCL 0.0 95% UCL 34.8	Str. per cc <div style="border: 1px dashed black; padding: 5px; width: fit-content; margin: 5px auto;">< 0.003</div> 95% LCL 0.000 95% UCL 0.011		
		Asbestos Structures Subdivided By Length			
		Length	No.	S/mm²	S/cc
		< 5 µm	0	< 9.4	< 0.003
		≥ 5 µm	0	< 9.4	< 0.003
COMMENTS NO ASBESTOS DETECTED The particle loading is heavy. Non-asbestiform gypsum particles observed in sample.					

Operating Parameters	Field Filter Data	Analytical Sensitivity	SAED Photo No. / ID
TEM Magnification 16,000X ± 5% Grid Squares 10 Grid Square Area 0.0106 mm ² Scan Area 0.1060 mm ²	Type MCE Diameter 25 mm Collection Area 385 mm ²	0.003 Str. per cc Quantitation Limits 0.011 Str. per cc 34.8 Str. per mm ²	Non-asbestos Structures Gypsum 0 Other 0

Technical Supervisor: Frank Raviola, M.S. 9/19/2006 Analyst: AL
Date Reported

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.

CHAIN OF CUSTODY

87154
YAMATE II

Client: MONTEREY COUNTY SUPERIOR COURT Sampling Date: 9/18/06

Site Address: 240 CHURCH ST., SANINAS, CA - ROOM 116, NORTH WING of COURTHOUSE Page (s): 1 of 1

Turnaround Time: RUSH!

ID	Analysis	Description	Start Time	Stop Time	Total Time	Average LPM	Total Liters	Pore Size
(1) 091806-116-01	PCM*	AREA SAMPLE WITHIN ROOM 116 N: WING	18:45	20:55	130	9.5	1235	0.5
091806- FIELD BLANK	PCM		:	:				
			:	:				
		* With re-analysis by TEM - YAMATE II	:	:				
			:	:				
			:	:				
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			:	:				
			:	:				
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			:	:				

Additional Notes: FAX & EMAIL RESULTS TO C & W.

Relinquished by: <i>[Signature]</i>	Date & Time: 9/18/06	Received by: <i>[Signature]</i>	Date & Time: 9/18/06
Relinquished by: <i>[Signature]</i>	Date & Time: 9/18/06 10:30	Received by: <i>[Signature]</i>	Date & Time: 9/19/06 4:00AM