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 **86719**
Total Samples 1
Date Sampled 09/06/2006
Date Received 09/07/2006
Date Analyzed 09/07/2006

SAMPLE INFORMATION

CLIENT ID
COM-9606-R1-5

MICRO ID 86719-01

Time	196
LPM	4.00
Liters	784.0

DESCRIPTION
BASEMENT
NORTH CORRIDOR AT MECH. ROOM
(REANALYSIS OF PCM 86718-05)

ASBESTOS STRUCTURE COUNT

ASBESTOS TYPE	
CHRYSOTILE	0
GRUNERITE (AMOSITE)	0
RIEBECKITE (CROCIDOLITE)	0
TREMOLITE	0
ACTINOLITE	0
ANTHOPHYLLITE	0
TOTAL ASBESTOS	**0**

CALCULATED ASBESTOS STRUCTURE CONCENTRATION

Str. per mm²	Str. per cc
N/A	**< 0.005**
95% LCL	95% LCL
	0.000
95% UCL	95% UCL
	0.017

Asbestos Structures Subdivided By Length

Length	No.	S/mm²	S/cc
<5 μm	0	N/A	< 0.005
≥ 5 μm	0	N/A	< 0.005

COMMENTS
NO ASBESTOS DETECTED

The particle loading is light.

Operating Parameters			Field Filter Data			Analytical Sensitivity	SAED Photo No. / ID
TEM Magnification	16,000X ± 5%		Type	MCE		0.005 Str. per cc	
Grid Squares	10		Diameter	25	mm	**Quantitation Limits**	**Non-asbestos Structures**
Grid Square Area	0.0106	mm²	Collection Area	385	mm²	0.017 Str. per cc	Gypsum: 0 Other: 0
Scan Area	0.1060	mm²				Str. per mm²	

Technical Supervisor: Frank Raviola, M.S. 9/7/2006 Date Reported Analyst: FPR

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.

8679
Yamate

CHAIN OF CUSTODY

Project

Client: COUNTY OF MONTEREY - NORTH WING COURTHOUSE
Site Address: 240 CHURCH ST SALINAS CA.

Sampling Date: 9 1 6 06
Page (s): 1 of 1
Turnaround Time: Rush

ID	Analysis	Description	Start Time	Stop Time	Total Time	Average LPM	Total Liters	Pore Size
COM-9606-R1-1	PCM	3/F - COURT HALL BY JURY	04:00	07:29		4		.8
-2		3/F - MEZZ. BY WATER FOUNTAIN	04:00	06:58		4		
-3		1/F LOBBY AT WATER FOUNTAIN	04:00	07:02		4		
-4		1/F - COURT HALL AT JURY ROOM	04:00	07:04		4		
-5		BASEMENT - N. CORRIDOR AT MECH. RM	04:00	07:16		4		
-6		FIELD BLANK	:	:				
-7		SEALED BLANK	:	:				
			:	:				
			:	:				
			:	:				

Additional Notes: REANALYZE SAMPLE #'S 5. AND ANY OVER 0.01 F/cc BY TEM YAMATE 2

Relinquished by:	Date & Time	Received by:	Date & Time
[signature]	916 06 :	[signature]	9/7/06 12:4
[signature]	9/7/06 2:4	Ken Sackel	9/7/06 3:30PM

Asbestos/Lead

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