

F Forensic Analytical Specialties, Inc.

Bulk Material Analysis Report

Client:
Hazard Management Services, Inc.
P.O. Box 7012
Modesto, CA 95355

Client Number: 146
Report Number: 20927
Date Received: 01/30/89
Date Examined: 03/09/89

Lab Number: 8904177
Sample Number: MMS-200A
Site:

Analyst: DN

Location:

P.O./Job ID: Chico Unified School District/McManus.

Gross Description: White floor tile-like material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

Non-Det. %
Non-Det. %
Non-Det. %
%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass
Polyethylene

Trace %
Non-Det. %
Non-Det. %
%

Trace %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

98-99 %
%
%
%

98-99 %

Supervisor: _____

David Kahane
David Kahane

SEE REVERSE FOR EXPLANATION OF TERMS AND REPORTING PRACTICES

Analytical method: 40 CFR 763, Subpart F, Appendix A (AHERA)

NVLAQ

Accredited by the National Bureau of Standards, National Voluntary Laboratory Accreditation Program for selected test methods for asbestos

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

3777 Depot Road, Suite 406 - 408, Hayward, CA 94545 415/887-8828 FAX 415/887-4218



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Client Number: 146
Report Number: 20927
Date Received: 01/30/89
Date Examined: 03/09/89

Lab Number: 8904178
Sample Number: MMS-200B
Site:

Analyst: DN

Location:

P.O./Job ID: Chico Unified School District/McManus.

Gross Description: White floor tile-like material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

Non-Det. %
Non-Det. %
Non-Det. %
%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass
Polyethylene

Trace %
Non-Det. %
Non-Det. %
%

Trace %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

98-99 %
%
%
%

98-99 %

Supervisor: _____

David Kahane

David Kahane

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Analytical method: 40 CFR 763, Subpart F, Appendix A (ASHERA)

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Date Received: 01/30/89
Date Examined: 03/09/89

Lab Number: 8904179
Sample Number: MMS-200C
Site:

Analyst: DN

Location:

P.O./Job ID: Chico Unified School District/McManus.

Gross Description: White floor tile-like material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

Non-Det. %
Non-Det. %
Non-Det. %
%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass
Polyethylene

Trace %
Non-Det. %
Non-Det. %
%

Trace %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

98-99 %
%
%
%

98-99 %

Supervisor: _____

David Kahane
David Kahane

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Analytical method: 40 CFR 763, Subpart F, Appendix A (AHERA)



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Modesto, CA 95355

Client Number: 146
Report Number: 20927
Date Received: 01/30/89
Date Examined: 03/09/89

Lab Number: 8904180
Sample Number: MMS-201A
Site:

Analyst: DN

Location:

P.O./Job ID: Chico Unified School District/McManus.

Gross Description: Off-white fibrous ceiling tile-like material with white paint.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

Non-Det. %
Non-Det. %
Non-Det. %
%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass
Polyethylene

55-60 %
25-30 %
Non-Det. %
%

85-90 %

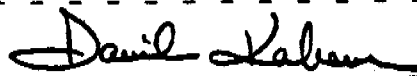
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates
Perlite

1-5 %
5-10 %
%
%

10-15 %

Supervisor: _____



David Kahane

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Analytical method: 40 CFR 763, Subpart F, Appendix A (AHERA)

NVLAP

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Forensic Analytical Specialties, Inc.

Bulk Material Analysis Report

Client:
Hazard Management Services, Inc.

P.O. Box 7012
Modesto, CA 95355

Client Number: 146
Report Number: 20927
Date Received: 01/30/89
Date Examined: 03/09/89

Lab Number: 8904181
Sample Number: MMS-201B
Site:

Analyst: DN

Location:

P.O./Job ID: Chico Unified School District/McManus.

Gross Description: Off-white fibrous ceiling tile-like material with white paint.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

	Non-Det. %	Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
Crocidolite	Non-Det. %	
	%	

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

		85-90 %
Cellulose	55-60 %	
Fibrous Glass	25-30 %	
Polyethylene	Non-Det. %	
	%	

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

		10-15 %
Unspecified Particulates	1-5 %	
Perlite	5-10 %	
	%	
	%	

Supervisor: _____

David Kahane

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Analytical method: 40 CFR 763, Subpart F, Appendix A (AHERA)



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P.O. Box 7012
Modesto, CA 95355

Client Number: 146
Report Number: 20927
Date Received: 01/30/89
Date Examined: 03/09/89

Lab Number: 8904182
Sample Number: MMS-201C
Site:

Analyst: DN

Location:

P.O./Job ID: Chico Unified School District/McManus.

Gross Description: Off-white fibrous ceiling tile-like material with white paint.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
Crocidolite	Non-Det. %	
	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		85-90 %
Cellulose	55-60 %	
Fibrous Glass	25-30 %	
Polyethylene	Non-Det. %	
	%	
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:		10-15 %
Unspecified Particulates	1-5 %	
Perlite	5-10 %	
	%	
	%	

Supervisor: _____

David Kahane
David Kahane

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Analytical method: 40 CFR 763, Subpart F, Appendix A (AHERA)

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Chico Unified School District

Administrative Office
1163 EAST SEVENTH STREET
CHICO, CA 95928-5999
(916) 891-3000

Ms. Jo Ann Semones T-5-2
EPA Certification
US EPA
215 Fremont St.
San Francisco, CA 94105

Dear Ms. Semones:

The enclosed letters are being sent for compliance with AHERA regulations section 763.99(a)(7).

Thank you,



Alan Otto
Operations Foreman
Chico Unified School District

Enclosures



THOMSON & HENDRICKS
ARCHITECTS AND PLANNERS

60 DECLARATION DRIVE • CHICO, CALIFORNIA 95928 • (916) 342-5669

December 27, 1989

Chico Unified Corporation Yard
2455 Carmichael Drive
Chico, CA 95928

O.S.A. AP. No. 51558

RE: Relocatable Classrooms at the Chapman,
Jay Partridge, McManus, Marigold, Shasta,
and Sierra View Elementary Schools.
Project No. 8888

To Whom it May Concern:

There has been no asbestos containing materials shown on the plans, or specified in the specifications for the above subject project.

If you should have any questions, please contact our office.

Sincerely,

Paul Hendricks
Thomson & Hendricks
Architects & Planners

PH/lm

SIX-MONTH SURVEILLANCE

DISTRICT CHICO UNIFIED SCHOOL DISTRICT

DATE 12/28/89

Paul B. Graves

SCHOOL McManus Elementary School

INSPECTOR GRAVES

BLDG.	HOMOG. MAT.	ASBESTOS MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
A	Wall plaster	5 - 10%	^{9/2} Kitchen, Admin, halls	1 - 4
A	9" VFT	5 - 10%	Hall, Kitchen, MPR ⁹⁰⁷	1 - 4
A	TOC	1 - 5%	Admin. office, hall, kitchen, attic	1 - 4
A	PW & debris	10 - 15%	Admin. attic at above men's RR	2 - 4 (Pipe wrap - good) (Debris - slight)
A	PW Str	40 - 45%	Kitchen attic	2 - 4
A	Air Cell	Assumed	Custodial closet ^{902/904}	1 - 4
A	Transite pipe	Assumed	Custodial closet and attic	1 - 4
A	Wall plaster	5 - 10%	RR and hall area	
B	TOC	1 - 5%	Boiler room ⁹¹⁴	1 - 4 (Hall - slight damage <1%)
B	Mud Jnt	25 - 30%	Custodial room & hall	1 - 4
			Main boiler room	1 - 4

CONDITION CODES

GENERAL CONDITION: (1) GOOD (2) DAMAGED (3) SIGNIFICANTLY DAMAGED (DAMAGED 2 % OR MORE)
 CHANGE IN CONDITION: (4) NO (5) YES [IF YES, EXPLAIN UNDER COMMENTS]
 ABATED: (6) REPAIRED (7) REMOVED (8) ENCAPSULATED (9) ENCLOSED (10) ISOLATED & RESTRICTED

D

SIX-MONTH SURVEILLANCE

DISTRICT CHICO UNIFIED SCHOOL DISTRICT DATE 12/28/89

SCHOOL McManus Elementary School INSPECTOR Paul B. Graves

BLDG. HOMOG. ASBESTOS MATERIAL LOCATION CONDITION: CODE & COMMENTS

BLDG.	HOMOG.	ASBESTOS MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
B	Countertop	1 - 5%	Classroom areas	1 - 4
	Lino			
B	9" VFT	1 - 5%	Rm 9 & rest of wing <i>10</i>	1 - 4
B	Air Cell	Assumed	Main B/R room	1 - 4
B	Tank wrap		Custodial room attic <i>9/4</i>	
B	Air cell	Assumed	Main B/R room	1 - 4
B	Inside B/R			
B	Air cell	Assumed	Main B/R room	1 - 4
B	Duct wrap	70 - 75%	Sm B/R room, attic <i>9/11</i>	2 - 4
C	Wall plaster	5 - 10%	Old RR, B/R room <i>9/10/92</i>	1 - 4
C	9" VFT	5 - 10%	Rm 2 and rest of wing	1 - 4

CONDITION CODES

GENERAL CONDITION: (1) GOOD (2) DAMAGED (3) SIGNIFICANTLY DAMAGED (DAMAGED 2 & OR MORE)
 CHANGE IN CONDITION: (4) NO (5) YES [IF YES, EXPLAIN UNDER COMMENTS]
 ABATED: (6) REPAIRED (7) REMOVED (8) ENCAPSULATED (9) ENCLOSED (10) ISOLATED & RESTRICTED

SIX-MONTH SURVEILLANCE

DISTRICT CHICO UNIFIED SCHOOL DISTRICT DATE 12/28/89
 SCHOOL McManus Elementary School INSPECTOR GRAVES

BLDG. HOMOG. MAT. ASBESTOS MATERIAL LOCATION CONDITION: CODE & COMMENTS

BLDG.	HOMOG. MAT.	ASBESTOS MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
X	Wall plaster	5 - 10%	Custodial room hall and RR area 918, 917/919	1 - 4
D	9" VFT	5 - 10%	Hall Classroom areas	1 - 4
D	TOC	1 - 5%	Hall & custodial room 918	1 - 4
D	PW	20 - 25%	Custodial room 918	1 - 4 (PW Cnr - ACM) (PW Str - fiberglass)

CONDITION CODES

GENERAL CONDITION: (1) GOOD (2) DAMAGED (3) SIGNIFICANTLY DAMAGED (DAMAGED 2 & OR MORE)
 CHANGE IN CONDITION: (4) NO (5) YES [IF YES, EXPLAIN UNDER COMMENTS]
 ABATED: (6) REPAIRED (7) REMOVED (8) ENCAPSULATED (9) ENCLOSED (10) ISOLATED & RESTRICTED