

Homogeneous Materials Record

School Dist: Chico USD

School: Chapman

Date Inspected: 04/15/92

BUILDING: A

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
Debris (tsi)	9	Rm 7	75-00	5 S	Y
PW CNR	9	RM 7	75-80	15	N
Air PW str	9	Rm 9	75-80	25 L	Y
9'VFTs	10	RM 1 ADMIN	10-15	630 S	N
9"VFTs	10	RM 4 STORAGE	10-15	22 S	N
9"VFTs	10	ROOM 5 BROWN	10-15	756 S	N
HARD PLASTER	11	RMS 1,2,3,4,5,7	00-00	7500 S	N
12'VFT	12	RM 3 BLUE MPR	01-05	2300 S	N
AC PLASTER	13	RM 1	01-05	663 S	N
AC PLASTER	13	RM 2	01-05	297 S	N
AC PLASTER	13	RM 3 MPR	01-05	2300 S	N



Bulk Material Analysis

Client:

Hazard Management Services, Inc.
Modesto Location
P.O. Box 576848
Modesto, CA 95357-6848

Client Number: 1146
Report Number: 177338
Date Received: 04/21/92

Lab Number: 19220557
Sample Number: HMS-CUSD-CHP-75A
P.O. Num:
Job ID: Chico Unified School District
Site: [REDACTED]

Date Collected: 04/15/92

Location: Southwest room above FCPs, drywall, no joint compound.

Gross Description: White fibrous powder with fibrous backing.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite

Non-Det. %

Non-Det. %

%

%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose

5-10

%

Fibrous Glass

1-5

%

%

%

10-15 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

85-90 %

Janis Feichman

Janis Feichman, Director of Laboratory Services, Hayward Laboratory

Analytical Method: 40 CFR 763, Subpart F, Appendix A (ANERA)

See Reverse for Explanation of Terms and Reporting Practices

San Francisco Office: 3777 Depot Road, Suite 409, Hayward, California 94545 • Telephone: 510/887-8828 • 800/827-FASI Fax: 510/887-4218
Los Angeles Office: 19443 Laurel Park Road, Suite 101, Rancho Dominguez, California 90220 • Telephone: 310/763-2374 Fax: 310/763-8684



Bulk Material Analysis

Client: Hazard Management Services, Inc. Client Number: 1146
Modesto Location Report Number: 177338
P.O. Box 576848 Date Received: 04/21/92
Modesto, CA 95357-6848

Lab Number: 19220558 Date Collected: 04/15/92
Sample Number: HMS-CUSD-CHP-75B
P.O. Num:
Job ID: Chico Unified School District
Site: Chapman

Location: Southeast room above FCPs, drywall, no joint compound.

Gross Description: White fibrous powder with fibrous backing.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite

Non-Det. %
Non-Det. %

Non-Det. %

%
%

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass

5-10
1-5

%
%
%
%

10-15 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

85-90 %

Janis Teichman

Janis Teichman, Director of Laboratory Services, Hayward Laboratory

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

See Reverse for Explanation of Terms and Reporting Practices

San Francisco Office: 3777 Depot Road, Suite 409, Hayward, California 94545 • Telephone: 510/887-8828 800/827-FAS Fax: 510/887-4218
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Forensic Analytical
Analytical Report

Bulk Material Analysis

Client:

Hazard Management Services, Inc.
Modesto Location
P.O. Box 576848
Modesto, CA 95357-6848

Client Number: 1146
Report Number: 177338
Date Received: 04/21/92

Lab Number: 19220559

Date Collected: 04/15/92

Sample Number: HMS-CUSD-CHP-75C

P.O. Num:

Job ID: Chico Unified School District

Site: Chapman

Location: Northwest room above FCPs, drywall, no joint compound.

Gross Description: White fibrous powder with fibrous backing.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite

Non-Det. %

Non-Det. %

%

%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose

5-10

%

Fibrous Glass

1-5

%

%

%

10-15 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

85-90 %

Janis Feichman

Janis Feichman, Director of Laboratory Services, Hayward Laboratory

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

See Reverse for Explanation of Terms and Reporting Practices

San Francisco Office: 3777 Depot Road, Suite 409, Hayward, California 94545 • Telephone: 510/887-8828 800/827-FASI Fax: 510/887-4218

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HMS, INC.
HAZARD MANAGEMENT SERVICES, INC.

CHICO UNIFIED SCHOOL DISTRICT
CHAPMAN ELEMENTARY SCHOOL
AHERA THREE-YEAR REINSPECTION SUMMARY
APRIL, 1992

Attached you will find a computer print-out of your original "Homogeneous Materials Record Sheets". You will find these sheets easier to read than the original copies. If additional samples were collected at this site, the results are listed at the end of the new "homogeneous" sheets. A comment on drywall sampling and lab accreditation sheets are added as appropriate.

At this site all previously or currently identified asbestos-containing materials were in good condition, i.e., non-friable.

We have given you a new index to insert into your management plan to account for new sections VIII and IX. We have added section VIII in which you should include results of your six-month inspections. We have also included a sheet on drywall sampling with recommendations on handling drywall. We also want to remind you that new buildings or portables must either be inspected or exempted by letter by your architect or builder.

AHERA THREE YEAR REINSPECTION

School Dist: **Chico USD**
 Date Inspected: **04/15/92**

School: **Chapman**

BUILDING: A

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
Debris (tsi)	9	Rm 7	75-00	5 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
PW CNR	9	RM 7	75-80	15	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
Air PW str	9	Rm 9	75-80	25 L	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
9'VFTs	10	RM 1 ADMIN	10-15	630 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
9"VFTs	10	RM 4 STORAGE	10-15	22 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
9"VFTs	10	ROOM 5 BROWN	10-15	756 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					

AHERA THREE YEAR REINSPECTION

School Dist: **Chico USD**
 Date Inspected: **04/15/92**

School: **Chapman**

BUILDING: **A**

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
12'VFT	12	RM 3 BLUE MPR	01-05	2300 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments: These may have been removed and replaced with the same color tiles.					
AC PLASTER	13	RM 1	01-05	663 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
AC PLASTER	13	RM 2	01-05	297 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
AC PLASTER	13	RM 3 MPR	01-05	2300 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
AC PLASTER	13	RM 8	01-05	1012 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
PW JNT	15	RM 4 STORAGE	01-05	4	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					

AHERA THREE YEAR REINSPECTION

School Dist: **Chico USD**

School: **Chapman**

Date Inspected: **04/15/92**

BUILDING: **A**

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
PW STR	16	PANTRY	05-10	0 L	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
PW STR	16	RM 4 STORAGE	05-10	14 L	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
TRANSITE PIPE	98	RM 7 (ASSUMED)	01-99 (ASSUMED)	20 L	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					

Codes:

General Condition: (1) Good (2) Damaged (3) Sig. Damaged
Change in Condition: (N or 4) No (Y) Yes (Please explain)
Abated: (R) Repaired (M) Removed (E) Enclsd
 (I) Isolated and Restricted

Inspected By: Mike Sharp

These Reports should be placed in your AHERA file. Do not throw away old HMRS.

AHERA THREE YEAR REINSPECTION

School Dist: **Chico USD**

School: **Chapman**

Date Inspected: **04/15/92**

BUILDING: **B**

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
9"VFTs	10	RM 13	10-15	0 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
9"VFTs	10	RM 15	10-15	0 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
9"VFTs	10	RM 16	10-15	0 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
9"VFTs	24	RM 14	10-15	960 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
TRANS PANELS	99	EXTERIOR OF BLDG	01-99 (ASSUMED)	1000 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					

Codes:

General Condition: (1) Good (2) Damaged (3) Sig. Damaged
Change in Condition: (N or 4) No (Y) Yes (Please explain)
Abated: (R) Repaired (M) Removed (E) Enclsd
 (I) Isolated and Restricted

Inspected By: Mike Sharp

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AHERA THREE YEAR REINSPECTION

School Dist: **Chico USD**
 Date Inspected: **04/15/92**

School: **Chapman**

BUILDING: **C**

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
9"VFTs	10	RM 10	10-15	960 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
9"VFTs	10	RM 11	10-15	960 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
9"VFTs	10	RM 12	10-15	960 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
9"VFTs	10	RM 9	10-15	960 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
AC PLASTER	13	RM 13	01-05	126 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
AC PLASTER	13	RM 14	01-05	180 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					

Codes:

General Condition: (1) Good (2) Damaged (3) Sig. Damaged
 Change in Condition: (N or 4) No (Y) Yes (Please explain)
 Abated: (R) Repaired (M) Removed (E) Enclsd
 (I) Isolated and Restricted

AHERA THREE YEAR REINSPECTION

School Dist: **Chico USD**

School: **Chapman**

Date Inspected: **04/15/92**

BUILDING: **C**

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes

Inspected By: **Mike Sharp**

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AHERA THREE YEAR REINSPECTION

School Dist: Chico USD
Date Inspected: 04/15/92

School: Chapman

BUILDING: D

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
AC PLASTER	14	RM 16 (BOTH RRs)	01-05	605 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
LRG MUD JNT	19	RM 15 (blr rm)	65-80	28	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
sml mud jnt	20	RM 15 (blr rm)	75-80	7 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
SMALL PW STR	21	RM 15 (blr rm)	55-60	50 L	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
LRG PWSTR	22	RM 15 (blr rm)	50-55	50 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
BACKING BOARD	23	RM 15 (blr rm)	85-90	1 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					

Codes:

General Condition: (1) Good (2) Damaged (3) Sig. Damaged
Change in Condition: (N or 4) No (Y) Yes (Please explain)
Abated: (R) Repaired (M) Removed (E) Enclsd

AHERA THREE YEAR REINSPFCTION

School Dist: **Chico USD**
Date Inspected: **04/15/92**

School: **Chapman**

BUILDING: **D**

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
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(I) Isolated and Restricted

Inspected By: **Mike Sharp**

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HMRs.

AHERA THREE YEAR REINSPECTION

School Dist: **Chico USD**
Date Inspected: **04/15/92**

School: **Chapman**

BUILDING: **E**

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
9" VFTs	10	RM 17	10-15	2600 S	0-Y
3 Year Inspection Notes:					
Condition of Material:					
Change in Condition? YES Abated? REMOVED					
Comments:					

9" VFTs	10	RM 18	10-15	2600 S	0-Y
3 Year Inspection Notes:					
Condition of Material:					
Change in Condition? YES Abated? REMOVED					
Comments:					

Codes:

General Condition: (1) Good (2) Damaged (3) Sig. Damaged
Change in Condition: (N or 4) No (Y) Yes (Please explain)
Abated: (R) Repaired (M) Removed (E) Enclsd
(I) Isolated and Restricted

Inspected By: Mike Sharp

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AHERA THREE YEAR REINSPECTION

School Dist: **Chico USD**
 Date Inspected: **04/15/92**

School: **Chapman**

BUILDING: F

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
9" VFTs	5	RM 5	01-05	190 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
9" VFTs	5	ROOM 3 (CLS RM 6)	01-05	960 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments: Rest of wing probably has 9" VFT under carpet.					
TRANS PANELS	99	ABOVE DOORS	01-99 (ASSUMED)	500 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					

Codes:

General Condition: (1) Good (2) Damaged (3) Sig. Damaged
Change in Condition: (N or 4) No (Y) Yes (Please explain)
Abated: (R) Repaired (M) Removed (E) Enclsd
 (I) Isolated and Restricted

Inspected By: Mike Sharp

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AHERA THREE YEAR REINSPECTION

School Dist: Chico USD
Date Inspected: 04/15/92

School: Chapman

BUILDING: G

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
MUD JNT	3	RM 3	01-05	3 S	0-
3 Year Inspection Notes: Condition of Material: NO SURVEILLANCE DATA Change in Condition? NO Abated? NO Comments: Could not find.					
MUD JNT	3	RM 4,2,1	01-05	4 L	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
TRANS PANELS	99	RM 1,2,3,4	01-99 (ASSUMED)	150 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					

Codes:

General Condition: (1) Good (2) Damaged (3) Sig. Damaged
Change in Condition: (N or 4) No (Y) Yes (Please explain)
Abated: (R) Repaired (M) Removed (E) Enclsd
(I) Isolated and Restricted

Inspected By: Mike Sharp

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AHERA THREE YEAR REINSPECTION

School Dist: Chico USD

School: Chapman

Date Inspected: 04/15/92

BUILDING: H PORTABLES

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes

Codes:

General Condition: (1) Good (2) Damaged (3) Sig. Damaged
Change in Condition: (N or 4) No (Y) Yes (Please explain)
Abated: (R) Repaired (M) Removed (E) Enclsd
(I) Isolated and Restricted

Inspected By: Mike Sharp

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AHERA THREE YEAR REINSPECTION

School Dist: **Chico USD**
Date Inspected: **04/15/92**

School: **Chapman**

BUILDING: PORTABLES

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes

Codes:

General Condition: (1) Good (2) Damaged (3) Sig. Damaged
Change in Condition: (N or 4) No (Y) Yes (Please explain)
Abated: (R) Repaired (M) Removed (E) Enclsd
(I) Isolated and Restricted

Inspected By: Mike Sharp

These Reports should be placed in your AHERA file. Do not throw away old HMRS.

SIX-MONTH SURVEILLANCE

Page 1 of 3

DISTRICT Chico Unified School District DATE December 22, 1992

SCHOOL Chapman Elementary INSPECTOR Michael Fender *MF*

BLDG.	HOMOG.	ASBESTOS	MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
A	TSI	75-80		Room 7	(7) Removed
A	PW St	85-90		Room 5	(7) Removed
A	PW CNR	75-80		Room 7	(7) Removed
A	Transite Pipe	Assumed		Room 7	(7) Removed
A	9" VFT	10-15		Room 5 Brown	(1) Good (4)
A	9" VFT	10-15		Room 4	(1) Good (4)
A	9" VFT	10-15		Restroom 1	(7) Removed
A	12" VFT	1-5		MPR Blue	(1) Good (4)
A	A/C Plast	1-5		Room 3 MPR	(7) Removed
A	A/C Plast	1-5		Rooms 1,8,2	(7) Removed
A	PW Jnt	1-5		Room 4 Storage	None found

CONDITION CODES

GENERAL CONDITION: (1) GOOD (2) DAMAGED (3) SIGNIFICANTLY DAMAGED (25% 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

MISC: (11) INACCESSIBLE, NO SURVEILLANCE DATA (12) OTHER (EXPLAIN UNDER COMMENTS)

SIX-MONTH SURVEILLANCE

Page 2 of 3

DISTRICT Chico Unified School DistrictDATE December 22, 1992SCHOOL Chapman ElementaryINSPECTOR Michael Fender *MF*

BLDG.	HOMOG. MAT.#	ASBESTOS MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
A	PW Str	5-10	Room 4 Storage	None found
A	PW Str	5-10	Pantry	None found
B	9" VFT	10-15	Room 14 Gray	(7) Removed
B	9" VFT	10-15	Room 13, 15, 16	(7) Removed
B	Transite panel	Assumed	Exterior	(1) Good (4)
C	A/C Plas	1-5	Room 14, 13 Staff Restrooms	(7) Removed
C	9" VFT	10-15	Room 9-12	(7) Removed
D	Mud jnt	65-80	Room 15 Boiler Room	(7) Removed
D	Mud jnt	75-80	Room 15 Boiler Room	(7) Removed
D	PW Str	55-60	Room 15 Boiler Room	(7) Removed
D	PW Str	50-55	Room 15 Boiler Room	(7) Removed

CONDITION CODES

GENERAL CONDITION: (1) GOOD (2) DAMAGED (3) SIGNIFICANTLY DAMAGED (25% 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

MISC: (11) INACCESSIBLE, NO SURVEILLANCE DATA (12) OTHER (EXPLAIN UNDER COMMENTS)

SIX-MONTH SURVEILLANCE

Page 3 of 3

DISTRICT Chico Unified School District

DATE December 22, 1992

SCHOOL Chapman Elementary

INSPECTOR Michael Fender

HOMOG. ASBESTOS

BLDG. MAT.# MATERIAL LOCATION

CONDITION: CODE & COMMENTS

D	Board B/R	85-90	Room 15 Boiler Room	(7) Removed
D	A/C Plas	1-5	Room 15, 16	(7) Removed
E	9" VFT	10-15	Room 17, 18	(7) Removed
F	9" VFT	1-5	Room 3 (classroom #68)	(1) Good (4)
F	9" VFT	1-5	Room 1 (classroom #5,7)	(1) Good (4)
F	Tran panl	Assumed	Above Doors	(1) Good (4)
G	Mud jnt	1-5	Room 3,4,2,1	(1) Good (4)
G	Tran panl	Assumed	Room 1,2,3,4	(1) Good (4)

CONDITION CODES

GENERAL CONDITION: (1) GOOD (2) DAMAGED (3) SIGNIFICANTLY DAMAGED (25% 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

MISC: (11) INACCESSIBLE, NO SURVEILLANCE DATA (12) OTHER (EXPLAIN UNDER COMMENTS)

Homogeneuos Materials Record

School Dist: Chico USD
Date Inspected: 04/15/92

School: Chapman

BUILDING: A

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
AC PLASTER	13	RM 8	01-05	1012 S	N
PW JNT	15	RM 4 STORAGE	01-05	4	N
PW STR	16	PANTRY	05-10	0 L	N
PW STR	16	RM 4 STORAGE	05-10	14 L	N
LINO	25	RM 1	00-00	50 S	N
TRANSITE PIPE	98	RM 7 (ASSUMED)	99-99 ASSUMED	20 L	N

Inspected By: Mike Sharp

These Reports should be placed in your AHERA file. Do not throw away old HMRs.

Homogeneous Materials Record

School Dist: Chico USD

School: Chapman

Date Inspected: 04/15/92

BUILDING: B

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
ACT	6	RMS 13-16	00-00	4000 S	N
9"VFTs	10	RM 13	10-15	0 S	N
9"VFTs	10	RM 15	10-15	0 S	N
9"VFTs	10	RM 16	10-15	0 S	N
9"VFTs	24	RM 14	10-15	960 S	N
TRANS PANELS	99	EXTERIOR OF BODG	99-99 ASSUMED	1000 S	N

Inspected By: Mike Sharp

These Reports should be placed in your AHERA file. Do not throw away old HMRs.

Homogeneous Materials Record

School Dist: Chico USD
Date Inspected: 04/15/92

School: Chapman

BUILDING: C

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
9"VFTs	10	RM 10	10-15	960 S	N
9"VFTs	10	RM 11	10-15	960 S	N
9"VFTs	10	RM 12	10-15	960 S	N
9"VFTs	10	RM 9	10-15	960 S	N
HARD PLASTER	11	RMS 13 AND 14	00-00	1200 S	N
AC PLASTER	13	RM 13	01-05	126 S	N
AC PLASTER	13	RM 14	01-05	180 S	N
LINO	17	RM 13 & 14	00-00	150 S	N
ACT	18	CLS RMS 9-12	00-00	3962 S	N

Inspected By: Mike Sharp

These Reports should be placed in your AHERA file. Do not throw away old HMRs.

Homogeneous Materials Record

School Dist: Chico USD
Date Inspected: 04/15/92

School: Chapman

BUILDING: D

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
HARD PLASTER	11	RMS 15 AND 16	00-00	0	
AC PLASTER	14	RM 16 (BOTH RRS)	01-05	605 S	N
LRG MUD JNT	19	RM 15 (blr rm)	65-80	28	Y
sml mud jnt	20	RM 15 (blr rm)	75-80	7 S	N
SMALL PW STR	21	RM 15 (blr rm)	55-60	50 L	N
LRG PWSTR	22	RM 15 (blr rm)	50-55	50 S	N
BACKING BOARD	23	RM 15 (blr rm)	85-90	1 S	N

Inspected By: Mike Sharp

These Reports should be placed in your AHERA file. Do not throw away old HMRs.

Homogeneous Materials Record

School Dist: Chico USD
Date Inspected: 04/15/92

School: Chapman

BUILDING: E

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
ACT	6	RMS 17 AND 18	00-00	1920 S	N
9" VFTs	10	RM 17	10-15	2600 S	N
9" VFTs	10	RM 18	10-15	2600 S	N
HARD PLASTER	11	RMS 3 AND 11	00-00	1600 S	N
WHITE LINO	26	ROOM 2	00-00	30 S	N

Inspected By: Mike Sharp

These Reports should be placed in your AHERA file. Do not throw away old HMRS.

Homogeneous Materials Record

School Dist: Chico USD

School: Chapman

Date Inspected: 04/15/92

BUILDING: F

Material	Homog. Mat. #	Locations	% Asb	Footage Y or N	Friable?
9" VFTs	5	RM 5	01-05	190 S	N
9" VFTs	5	ROOM 3 (cls rm 6)	01-05	960 S	N
ACT	6	ROOM 5	00-00	190 S	N
PLASTER	7	BATHROOMS	00-00	405 S	N
FCP	8	ROOM 2 LIBRARY	00-00	1036 S	N
TRANS PANELS	99	ABOVE DOORS	99-99 ASSUMED	500 S	N

Inspected By: Mike Sharp

These Reports should be placed in your AHERA file. Do not throw away old HMRS.

Homogeneous Materials Record

School Dist: Chico USD

School: Chapman

Date Inspected: 04/15/92

BUILDING: G

Material	Homog. Mat. #	Locations	% Asb	Footage	Y or N	Friable?
12" VFTS	1	RMS 4,3,2,1 & PORT	00-00	1060 S	N	
FCP	2	RMS 4,3,2,1	00-00	4570		
MUD JNT	3	RM 3	01-05	3 S	N	
MUD JNT	3	RM 4,2,1	01-05	4 L	N	
TRANS PANELS	99	RM 1,2,3,4	99-99 ASSUMED	150 S	N	

Inspected By: Mike Sharp

These Reports should be placed in your AHERA file. Do not throw away old HMRs.

Homogeneous Materials Record

School Dist: Chico USD
Date Inspected: 04/15/92

School: Chapman

BUILDING: G

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
DRYWALL	75	ALL ROOMS	00-00	8000 S	N

Inspected By: Mike Sharp

These Reports should be placed in your AHERA file. Do not throw away old HMRs.

Homogeneous Materials Record

School Dist: Chico USD

School: Chapman

Date Inspected: 04/15/92

BUILDING: H PORTABLES

Material	Homog. Mat. #	Locations	% Asb	Footage Y or N	Friable?
12" VFTS	1	LEASED PORTABLES	00-00	400 S	N

Inspected By: Mike Sharp

These Reports should be placed in your AHERA file. Do not throw away old HMRS.

Homogeneous Materials Record

School Dist: Chico USD

School: Chapman

Date Inspected: 04/15/92

BUILDING: PORTABLES

Material	Homog. Mat. #	Locations	% Asb	Friable? Footage Y or N
6CERTIFIED	0	6 PORTABLES	00-00	0

Inspected By: Mike Sharp

These Reports should be placed in your AHERA file. Do not throw away old HMRS.

Hazard Management Services, Inc. Bulk Sample Analysis Request Form

AHERA THREE YEAR REINSPECTION SAMPLES

Please Send Results To: P.O. Box 576848 Modesto, CA 95357-6848

Samples Collected by: Michael Sharp on 04/15/92

Client: Chico Unified S.D. Site: Chapman

Turn Around Time: Extended, Results Needed By April 30th, if possible.

Sample Number	Material	Location
HMS-CUSD-CHP -75A Result: None Detected	Drywall No Jnt Cmpd	S/W room above FCPs.
HMS-CUSD-CHP -75B Result: None Detected	Drywall No Jnt Cmpd	S/E room above FCPs.
HMS-CUSD-CHP -75C Result: None Detected	Drywall No Jnt Cmpd	N/W Rm above FCPs.



Forensic Analytical
Analytical Report

Bulk Material Analysis

Client:

Hazard Management Services, Inc.
Modesto Location
P.O. Box 576848
Modesto, CA 95357-6848

Client Number: 1146
Report Number: 177338
Date Received: 04/21/92

Lab Number: 19220557
Sample Number: HMS-CUSD-CHP-75A
P.O. Num:
Job ID: Chico Unified School District
Site: Chapman

Date Collected: 04/15/92

Location: Southwest room above FCPs, drywall, no joint compound.

Gross Description: White fibrous powder with fibrous backing.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Non-Det. %

Chrysotile

Non-Det. %

Amosite

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

10-15 %

Cellulose

5-10 %

Fibrous Glass

1-5 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

85-90 %

Janis Deekman

Janis Deekman, Director of Laboratory Services, Hayward Laboratory

Analytical methods 40 CFR 760, Subpart E, Appendix A (AECMA)

See Reverse for Explanation of Terms and Reporting Practices

San Francisco Office: 3777 Depot Road, Suite 409, Hayward, California 94545 • Telephone: 510/887-8828 • 800/827-FAS • Fax: 510/887-4218

Los Angeles Office: 19443 Laurel Park Road, Suite 101, Rancho Dominguez, California 90220 • Telephone: 310/763-2374 • Fax: 310/763-8684



Bulk Material Analysis

Client:

Hazard Management Services, Inc.
Modesto Location
P.O. Box 576848
Modesto, CA 95357-6848

Client Number: 1146
Report Number: 177338
Date Received: 04/21/92

Lab Number: 19220558
Sample Number: HMS-CUSD-CHP-75B
P.O. Num:
Job ID: Chico Unified School District
Site: Chapman

Date Collected: 04/15/92

Location: Southeast room above PCPs, drywall, no joint compound.

Gross Description: White fibrous powder with fibrous backing.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite

Non-Det. %

Non-Det. %

%

%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass

5-10

%

1-5

%

%

%

10-15 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

85-90 %

Janis Teichman

Janis Teichman, Director of Laboratory Services, Hayward Laboratory

Analytical methods 40 CFR 101, Subpart F, Appendix A (ASBESTOS)

See Reverse for Explanation of Terms and Reporting Practices



Forensic Analytical
Analytical Report

Bulk Material Analysis

Client:

Hazard Management Services, Inc.
Modesto Location
P.O. Box 576848
Modesto, CA 95357-6848

Client Number: 1146
Report Number: 177338
Date Received: 04/21/92

Lab Number: 19220559
Sample Number: HMS-CUSD-CHP-75C
P.O. Num:
Job ID: Chico Unified School District
Site: Chapman

Date Collected: 04/15/92

Location: Northwest room above FCPs, drywall, no joint compound.

Gross Description: White fibrous powder with fibrous backing.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Non-Det. %

Chrysotile
Amosite

Non-Det. %

Non-Det. %

%

%

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

10-15 %

Cellulose

5-10

%

Fibrous Glass

1-5

%

%

%

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

85-90 %

Janis Teichman

Janis Teichman, Director of Laboratory Services, Bayview Laboratory

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

See Reverse for Explanation of Terms and Reporting Practices

San Francisco Office: 3777 Depot Road, Suite 409, Hayward, California 94545 • Telephone: 510/887-8828 • 800/827-FASL Fax: 510/887-4218
Los Angeles Office: 19443 Laurel Park Road, Suite 101, Rancho Dominguez, California 90220 • Telephone: 310/763-2374 Fax: 310/763-8664

GENERAL INFORMATION

DRYWALL

We have collected drywall samples in your district and for numerous other clients. The vast majority of these samples do not contain asbestos in the drywall, the tape, the joint compound or the texturizing or finish coat. When we do find asbestos it is usually in the texturizing coat. It usually is at a 1 to 5% concentration, but since it's in the surface coat it is subject to abuse (contact, sanding, etc.) and it can release fibers. Where we have identified drywall materials to contain asbestos we have included the proper information in our inspection reports and management plans. It is where we do not find asbestos that a potential problem exists.

Hazard Management Services, Inc. (HMS, Inc.) and many other consultants do not believe there is an accurate sampling protocol for determining asbestos in drywall materials. For example, we have sampled one piece of finished drywall where the results were "0%", "trace" in the skim coat and "1-5%" in the skim coat. We have also sampled all the walls in a room and found one sample on one wall positive and all the rest negative (five samples). We have also taken 12 samples on both sides of one hallway (120 feet long) and had two samples contain "5-10%" in the skim coat, one sample contain "trace" amounts in the joint compound and the other nine to contain no asbestos. In other words, sampling drywall according to AHERA methods is not necessarily an accurate assessment of what is present. At least, we are not confident of our results.

The reasons for these discrepancies in findings include renovation activities, patches, inconsistent mixing practices by the original installers, etc. Often times, painting, wallpapering or other wall treatments make it impossible to determine if materials are homogeneous. This is particularly true in office areas where the geometry of the walls changes frequently and these changes are obscured by painting, etc.

So what does this all mean and what should you do about it? HMS, Inc. recommends the following procedures be followed in areas where drywall has been analyzed and no asbestos has been detected.

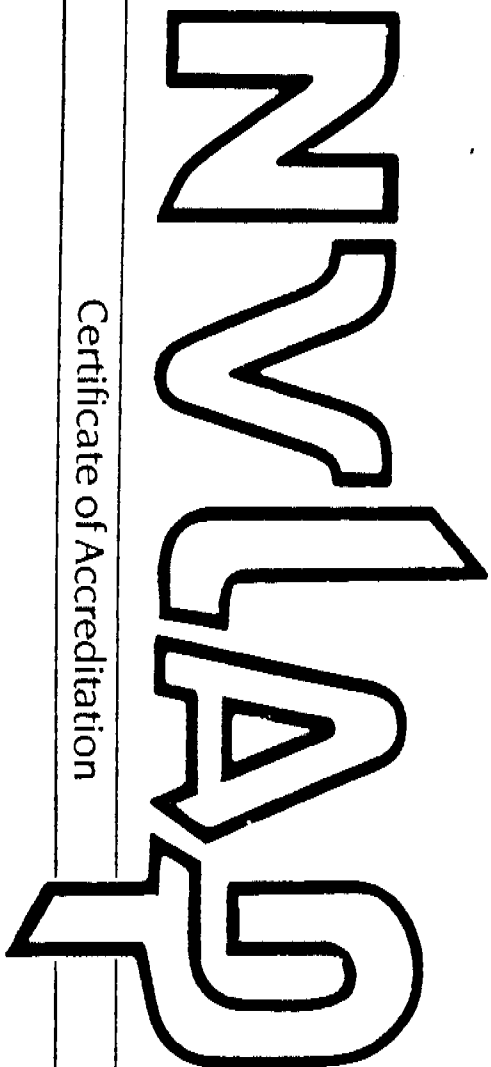
Small Projects

If you are only going to attach nails or tacks, drill a small hole or cut a small opening and if these projects involve only a very small amount of drywall, no special precautions are necessary, but you may want to dampen the affected area with water to reduce dust levels. If the area involves several inches of drywall a more effective way to reduce dust is to apply a viscous lubricant such as grease, vaseline or K-Y jelly to the affected area.

Large Projects

If you are going to be cutting into full sheets of drywall or removing substantial amounts of drywall, HMS, Inc. recommends that you take several samples of the affected materials and have them analyzed. These samples can safely be collected by your own staff. Please call HMS, Inc. for advice on the proper method of collection and how the samples should be packaged for mailing to a laboratory.

United States Department of Commerce
National Institute of Standards and Technology



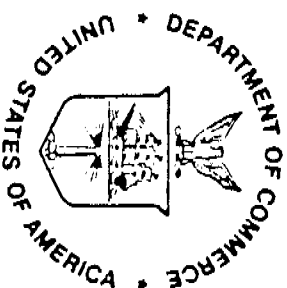
Certificate of Accreditation

FORENSIC ANALYTICAL SPECIALTIES, INC.
HAYWARD, CA

*is recognized under the National Voluntary Laboratory Accreditation Program
for satisfactory compliance with criteria established in Title 15, Part 7 Code of Federal Regulations.
Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

July 1, 1993
Effective until



William D. Holman
For the National Institute of Standards and Technology

HOLOGENEOUS MATERIAL RECORDS

DISTRICT CHICO USD SCHOOL CHAPMAN ELEM.

ADDRESS _____

BLDG.	HAT. CLASS.	MATERIAL	HOMOG. HAT. #	SAMPLE NUMBER	LOCATION	% ASBESTOS	FOOTAGE FT ² OF LF	FRIABLE YES NO
A	TSE	DEBRIS	09	09A	Rm 7	75-80	5 f ²	X
"	"	AIRCELL	09	09B	Rm 7	85-90	25 f ²	X
"	"	PW ST	09	09C	Rm 7	75-80	15	
"	"	PW CNR	98	NS	"	ASSUMED	20 f ²	
"	MISC	PIPE	10	10	Rm 5 - BROWN	10-15	756 f ²	
"	"	TRANSITE	"	"	"	10-15	22 f ²	
"	"	9" VFT	"	"	Rm 4 storage	Ass.	630 f ²	
"	"	"	"	"	Rm 1 Admin	Ass.	2500 f ²	
"	Surf	HARD PLASTER	11	11A-E	Rm 5	21	7500 f ²	
"	"	"	"	"	Rm 1, 2, 3, 4, 7	41	2300 f ²	
"	MISC	12" VFT	12	12	Rm 3-BLUE	1-5	2300 f ²	
"	Surf	AC PLASTER	13	13A-E	Rm 3	1-5	663 f ²	
"	"	"	"	"	Rm 1	1-5	1012 f ²	
"	"	"	"	"	Rm 8	1-5	297 f ²	
"	"	"	"	"	Rm 2	21	50 f ²	
"	"	"	25	"	Rm 1			
"	MISC	LINO						
A	TSE	PW JNT	15	15	Rm 4 storage	1-5	4	
A	TSE	PW STR	16	16	Rm 11 storage	5-10	14 f ²	
A	TSE	PW STR	16	NS	Pentry	5-10	could not enter Room	

EL EN

CHAPMAN

school.

Av

511

ORDER

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IONOGENEOUS MATERIAL RECORDS

CHAPMAN

ADDRESSES

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DISTRICT Unio Unifed SCHOOL Chapman ELEM

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HOMOGENEOUS MATERIAL RECORDS

DISTRICT chico U.S.P. SCHOOL Chapman

ADDRESS

[illegible]

HOMOGENEOUS MATERIAL RECORDS

DISTRICT Chicago U.S.D. SCHOOL Chapman ELEM
 ADDRESS 1071 E. 16th St.

BLDG.	MAT. CLASS.	MATERIAL	HOMOG. MAT. #	SAMPLE NUMBER	LOCATION	% ASBESTOS	FOOTAGE FT ² OF LF	FRIABLE YES NO
G	MISC.	12" VFT	01	01	Room 4, 3, 2, 1	< 1%	400 ft ²	X
G	MISC.	2x4 FCP	02	02	Leased Portable Room 4, 3, 2, 1	< 1	960 ft ² 4570 ft ²	X X
G	MISC.	MUD JNT	03	03	Room 3	1-5	3 JNTs	X
G	MISC.	Transite Panels	99	N/S	Room 4, 2, 1 Rooms 1, 2, 3, 4	Assumed	12 JNTs 4570 ft ²	X X
F	MISC.	white 9" VFT	05	05	Sample 04 is in Butte County schools	1-5	960 ft ²	X
F	MISC.	ACT	06	06	Room 5	< 1	190 ft ²	X
F	MISC.	PLASTER	07	07A-C	Bathrooms	< 1	405 ft ²	X
F	MISC.	FCP	08	08	Room 2 library	< 1	1036 ft ²	X
F	MISC.	Transite Panels	98	N/S	Room 3 Above doors	Assumed	1904 ft ² 500 ft ²	X