

Homogeneous Materials Record

School Dist: **Chico USD**
Date Inspected: **04/16/92**

School: **HOOKER OAK**

BUILDING: **A**

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
PW DEBRIS	5	BASEMENT ALL WINGS	20-25	1000 S	Y
PW STR	5	BASEMENT ALL WINGS	20-25	2500 L	Y
9" VFTs	13	ALL CLS RMS	01-05	2880 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: 04/16/92

School: HOOKER OAK

BUILDING: B

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
9" VFTs	1	ALL CLS RMS	01-05	4815 S	N
ACT	14	CLASSROOMS	00-00	4815 S	N

Inspected By: Mike Sharp

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Homogeneous Materials Record

School Dist: Chico USD
Date Inspected: 04/16/92

School: HOOKER OAK

BUILDING: C

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
ACT	14	CLASSROOMS	00-00	4815 S	N
9" VFTs	16	ALL ROOMS	01-05	4850 S	N

Inspected By: Mike Sharp

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Homogeneous Materials Record

School Dist: **Chico USD**
Date Inspected: **04/16/92**

School: **HOOKER OAK**

BUILDING: **D**

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
9" VFTs	1	MPR	01-05	3875 S	N
ACT	2	MPR	00-00	4544 S	N
PW STR	3	MPR-STAGE-ATTIC	15-20	160 L	Y
DUCT WRAP	4	MPR-STAGE ATTIC(WST)	10-15	1700 S	Y
PW STR	5	STAGE BASEMENT	20-25	275 L	N
MUD JNTs	6	BLR RM	20-25	40 J	N
PW STR	7	BLR RM	15-20	70 L	N
BLR LINING	8	BLR RM	50-55	210 S	N
HT WTR TANK	9	BOILER ROOM	00-00	61 S	N
TOC	10	BLR RM	01-05	502 S	N
TOC	10	FRNT OF STAGE - MPR	01-05	650 S	N

Homogeneuos Materials Record

School Dist: Chico USD

School: HOOKER OAK

Date Inspected: 04/16/92

BUILDING: D

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
TOC	10	STAGE CEILING	01-05	1100 S	N
LINO	17	ADMIN OFFICE	05-10	250 S	N

Inspected By: Mike Sharp

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Homogeneous Materials Record

School Dist: Chico USD
Date Inspected: 04/16/92

School: HOOKER OAK

BUILDING: E

Material	Homog. Mat. #	Locations	% Asb	Footage Y or N	Friable?
ACT	14	RESOURCE ROOM	00-00	1200 S	N

Inspected By: Mike Sharp

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Homogeneous Materials Record

School Dist: Chico USD

School: HOOKER OAK

Date Inspected: 04/16/92

BUILDING: F

Material	Homog. Mat. #	Locations	% Asb	Footage Y or N	Friable?
FCP	11	PORTABLE	00-00	960 S	N
12" VFT	12	PORTABLE	00-01 TRACE	20 S	N

Inspected By: Mike Sharp

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Homogeneous Materials Record

School Dist: Chico USD
Date Inspected: 04/16/92

School: HOOKER OAK

BUILDING: A

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
DRYWALL	75	ALL ROOMS	00-00	1000 S	N

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Homogeneous Materials Record

School Dist: Chico USD
Date Inspected: 04/16/92

School: HOOKER OAK

BUILDING: E

Material	Homog. Mat. #	Locations	% Asb	Footage Y or N	Friable? Y or N
-----	-----	-----	-----	-----	-----
DRYWALL	75	ALL ROOMS	00-00	500 S	N

Inspected By: Mike Sharp

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Homogeneous Materials Record

School Dist: Chico USD

School: HOOKER OAK

Date Inspected: 04/16/92

BUILDING: F

Material	Homog. Mat. #	Locations	% Asb	Footage Y or N	Friable? Y or N
DRYWALL	80	BEHIND TAG BOARD	99-99 ASSUMED	1500 S	N

Inspected By: Mike Sharp

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Homogeneous Materials Record

School Dist: Chico USD

School: HOOKER OAK

Date Inspected: 04/16/92

BUILDING: A

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
PW DEBRIS	5	BASEMENT ALL WINGS	20-25	1000 S	Y
PW STR	5	BASEMENT ALL WINGS	20-25	2500 L	Y
9" VFTs	13	ALL CLS RMS	01-05	2880 S	N

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Homogeneous Materials Record

School Dist: Chico USD
Date Inspected: 04/16/92

School: HOOKER OAK

BUILDING: B

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
9" VFTs	1	ALL CLS RMS	01-05	4815 S	N
ACT	14	CLASSROOMS	00-00	4815 S	N

Inspected By: Mike Sharp

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Homogeneous Materials Record

School Dist: Chico USD
Date Inspected: 04/16/92

School: HOOKER OAK

BUILDING: C

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
ACT	14	CLASSROOMS	00-00	4815 S	N
9" VFTs	16	ALL ROOMS	01-05	4850 S	N

Inspected By: Mike Sharp

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Homogeneous Materials Record

School Dist: Chico USD
Date Inspected: 04/16/92

School: HOOKER OAK

BUILDING: D

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
9" VFTs	1	MPR	01-05	3875 S	N
ACT	2	MPR	00-00	4544 S	N
PW STR	3	MPR-STAGE-ATTIC	15-20	160 L	Y
DUCT WRAP	4	MPR-STAGE ATTIC(WST)	10-15	1700 S	Y
PW STR	5	STAGE BASEMENT	20-25	275 L	N
MUD JNTs	6	BLR RM	20-25	40 J	N
PW STR	7	BLR RM	15-20	70 L	N
BLR LINING	8	BLR RM	50-55	210 S	N
HT WTR TANK	9	BOILER ROOM	00-00	61 S	N
TOC	10	BLR RM	01-05	502 S	N
TOC	10	FRNT OF STAGE - MPR	01-05	650 S	N

Homogeneuos Materials Record

School Dist: Chico USD
Date Inspected: 04/16/92

School: HOOKER OAK

BUILDING: D

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
TOC	10	STAGE CEILING	01-05	1100 S	N
LINO	17	ADMIN OFFICE	05-10	250 S	N

Inspected By: Mike Sharp

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Homogeneous Materials Record

School Dist: Chico USD
Date Inspected: 04/16/92

School: HOOKER OAK

BUILDING: E

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
ACT	14	RESOURCE ROOM	00-00	1200 S	N

Inspected By: Mike Sharp

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Homogeneous Materials Record

School Dist: Chico USD

School: HOOKER OAK

Date Inspected: 04/16/92

BUILDING: F

Material	Homog. Mat. #	Locations	% Asb	Footage Y or N	Friable?
FCP	11	PORTABLE	00-00	960 S	N
12" VFT	12	PORTABLE	00-01 TRACE	20 S	N

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 04/16/92

Client: Chico Unified S.D. Site: Hooker Oak

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

Sample Number	Material	Location
HMS-CUSD-HOK -75A	Drywall	A wing east clsrn.
Result: None Detected		
HMS-CUSD-HOK -75B	Drywall	Unit A Central Clsrn Above wood section of wall center.
Result: None Detected.		
HMS-CUSD-HOK -75C	Drywall	Unit E Library above entrance to study area.
Result: None Detected		



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: 177323
Date Received: 04/21/92

Lab Number: 19220505
Sample Number: HMS-CUSD-HOK-75A
P.O. Num:
Job ID: Chico Unified School District
Site: Hooker Oak

Date Collected: 04/16/92

Location: A wing east classroom, drywall.

Gross Description: White plaster with tan fibrous material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite

Non-Det. %
Non-Det. %

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass

35-40 %
Non-Det. %

35-40 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

60-65 %

Janis Teichman

Janis Teichman, Director of Laboratory Services, Hayward Laboratory

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

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: 310/763-8664



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: 177323
Date Received: 04/21/92

Lab Number: 19220506
Sample Number: HMS-CUSD-HOK-75B
P.O. Num:
Job ID: Chico Unified School District
Site: Hooker Oak

Date Collected: 04/16/92

Location: Unit A, central classroom, above wood section of wall center,
drywall.

Gross Description: White plaster with tan fibrous material and paint.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite

Non-Det. %

Non-Det. %

%

%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass

35-40 %

Non-Det. %

%

%

35-40 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

60-65 %

Janis Feichman

Janis Feichman, Director of Laboratory Services, Hayward Laboratory

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

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.
Modesto Location
P.O. Box 576848
Modesto, CA 95357-6848

Client Number: 1146
Report Number: 177323
Date Received: 04/21/92

Lab Number: 19220507
Sample Number: HMS-CUSD-HOK-75C
P.O. Num:
Job ID: Chico Unified School District
Site: Hooker Oak

Date Collected: 04/16/92

Location: Unit E, library above entrance to study area, drywall.

Gross Description: White plaster with tan fibrous material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite

Non-Det. %

Non-Det. %

%

%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass

30-35 %

Non-Det. %

%

%

30-35 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

65-70 %

Janis Teichman

Janis Teichman, Director of Laboratory Services, Hayward Laboratory

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

See Reverse for Explanation of Terms and Reporting Practices

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.

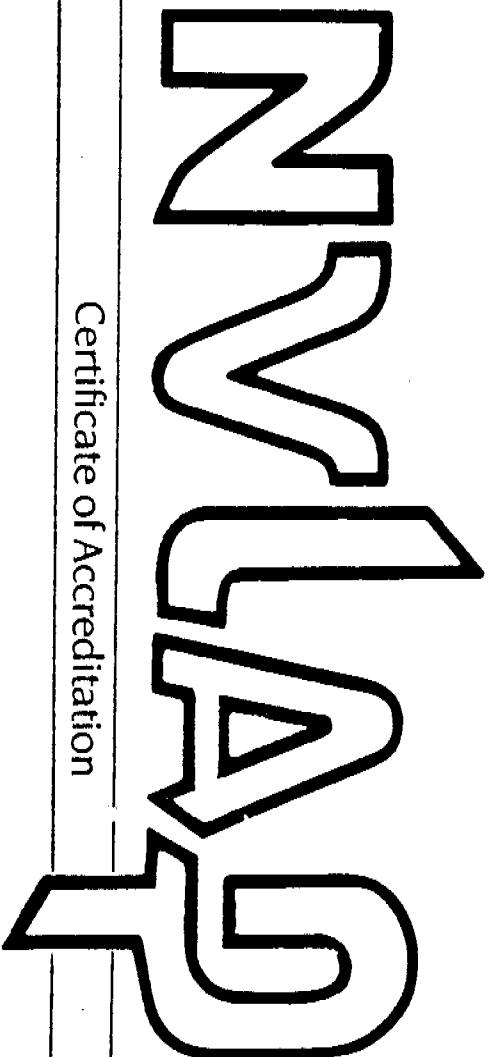
Small Projects

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

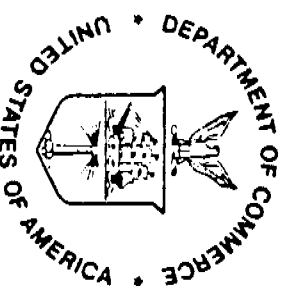
FORENSIC ANALYTICAL SPECIALTIES, INC.
HAYWARD, CA

*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



Albert H. Johnson
For the National Institute of Standards and Technology

DISTRICT	SCHOOL	HOOKER OAK
Chico Unified		

ADDRESS

[illegible]

DISTRICT	SCHOOL
Chicago Unified	Hecker Park

ADDRESS

[illegible]

DISTRICT Chicago Unified SCHOOL Hooker Oak

ADDRESS[illegible]

DISTRICT Waco, Texas

SCHOOL

ADDRESS

BLDG.	MAT. CLASS.	MATERIAL	HOMOG. SAMPLE		LOCATION	% ASBESTOS	FOOTAGE FT ² or LF	FRIABLE	
			MAT.#	SAMPLE NUMBER				YES	NO
D	TSE	PW STR	07	07	Boiler Rm	15-20	70 lf	X	
D	TSE	Boiler Room HT WTR TANK INS	08	08	Boiler Rm	50-55	210 #	X	
D	TSE		09	09	Boiler Rm	<1	61 #	X	
D	TSE	PW STR	03	03	MPP-STAGE-AHic	15-20	160 lf	X	
D	TSE	DUCTWORK	04	04	MPP-STAGE AHic (west)	10-15	1700 #	X	
D	TSE	PW STR	05	05	STAGE BASEMENT	20-25	275 #	X	
D	TSE	MVD INT	06	06	Boiler Rm	20-25	403 MVS	X	
D	Surf	T-O-C	10	10	Front of Stage-MPP	1-5	650 #	X	
D	Surf	T-O-C	10	10	BOILER Rm	1-5	502 #	X	
D	Surf	T-O-C	10	10	STAGE Ceiling		1100 #	X	
D	Misc	Lino	17	17	Admin office	5-10	250 #	X	
D	Misc	9" VFT	01	01	MPP	1-5	3875 #	X	
D	Misc	ACT	02	02	MPP	<1	9544 #	X	

DISTRICT	Chicago Unified
SCHOOL	Hoegewer Oak

ADDRESS[illegible]

DISTRICT	SCHOOL	HOOKER OAK
Chicago Unified		

ADDRESS

[illegible]

HMS, INC.
HAZARD MANAGEMENT SERVICES, INC.

CHICO UNIFIED SCHOOL DISTRICT
HOOKER OAK 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: **04/16/92**

School: **HOOKEER OAK**

BUILDING: A

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
PW DEBRIS	5	BASEMENT ALL WINGS	20-25	1000 S	0-Y

3 Year Inspection Notes:

Condition of Material:

Change in Condition? YES Abated? REMOVED

Comments:

PW STR	5	BASEMENT ALL WINGS	20-25	2500 L	0-Y
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3 Year Inspection Notes:

Condition of Material:

Change in Condition? YES Abated? REMOVED

Comments:

9" VFTs	13	ALL CLS RMS	01-05	2880 S	1-4
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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: 04/16/92

School: HOOKER OAK

BUILDING: B

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
9" VFTs	1	ALL CLS RMS	01-05	4815 S	1-4

3 Year Inspection Notes:

Condition of Material: GOOD

Change in Condition? NO Abated? NO

Comments: Removed from all Classrooms, under carpet in
teacher's lounge.

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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HMRS.

AHERA THREE YEAR REINSPECTION

School Dist: Chico USD
Date Inspected: 04/16/92

School: HOOKER OAK

BUILDING: C

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
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9" VFTs	16	ALL ROOMS	01-05	4850 S	0-Y
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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

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School Dist: **Chico USD**
 Date Inspected: **04/16/92**

School: **HOOKE OAK**

BUILDING: **D**

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
9" VFTs	1	MPR	01-05	3875 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
PW STR	3	MPR-STAGE-ATTIC	15-20	160 L	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
DUCT WRAP	4	MPR-STAGE ATTIC(WST)	10-15	1700 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
PW STR	5	STAGE BASEMENT	20-25	275 L	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
MUD JNTs	6	BLR RM	20-25	40 J	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
PW STR	7	BLR RM	15-20	70 L	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					

AHERA THREE YEAR REINSPECTION

School Dist: **Chico USD**
 Date Inspected: **04/16/92**

School: **HOOKER OAK**

BUILDING: **D**

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
BLR LINING	8	BLR RM	50-55	210 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
TOC	10	BLR RM	01-05	502 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
TOC	10	FRNT OF STAGE - MPR	01-05	650 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
TOC	10	STAGE CEILING	01-05	1100 S	0-Y
3 Year Inspection Notes: Condition of Material: Change in Condition? YES Abated? REMOVED Comments:					
LINO	17	ADMIN OFFICE	05-10	250 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: **04/16/92**

School: **HOOKER OAK**

BUILDING: E

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
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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: **HOOKER OAK**

Date Inspected: **04/16/92**

BUILDING: **F**

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
DRYWALL	80	BEHIND TAG BOARD	01-99	1500 S	1-
3 Year Inspection Notes:			(ASSUMED)		
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

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

UNIVERSITY OF CALIFORNIA BERKELEY UNIVERSITY EXTENSION

This is to certify that

MICHAEL C. SHARP

has attended the

AHERA Refresher Course for Asbestos Inspectors and
Management Planners
November 26, 1991

Certificate number:

1428

Valid until: November 26, 1992



Deloral DA.
Chair
Programs in Environmental Hazard
Management

UNIVERSITY OF CALIFORNIA BERKELEY UNIVERSITY EXTENSION

This is to certify that

MICHAEL C. SHARP

has attended the

AHERA Refresher Course for Asbestos Abatement Project Designers
October 22, 1991

Certificate number:

Valid until: October 22, 1992



Deloral DA.
Chair
Programs in Environmental Hazard
Management

SIX-MONTH SURVEILLANCE

Page 1 of 2

DISTRICT Chico Unified School District DATE December 28, 1992

SCHOOL Hooker Oak Elementary INSPECTOR Michael Fender *MF*

BLDG.	HOMOG. MAT.#	ASBESTOS MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
A	9" VFT	1-5	Classrooms	(1) Good (4)
B	9" VFT	1-5	Classrooms	(7) Removed
C	9" VFT	1-5	Classrooms	(7) Removed
C	PW Str	20-25	Basement	(7) Removed
B	9" VFT	1-5	Room 3	(1) Good (4)
B	PW Str	20-25	Basement	(7) Removed
D	PW Str	15-20	Boiler Room	(7) Removed
D	Boiler liner	50-55	Boiler Room	(7) Removed
D	PW Str	15-20	MPR Stage Attic	(7) Removed
D	Duct Wrap	10-15	MPR Stage Attic West	(7) Removed
D	PW Str	20-25	Stage Basement	(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 2 of 2

DISTRICT Chico Unified School District DATE December 28, 1992SCHOOL Hooker Oak Elementary INSPECTOR Michael Fender *MF*

BLDG.	HOMOG. MAT.#	ASBESTOS MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
B	9" VFT	1-5	Room 3 Teacher Lounge	(1) Good (4) carpeted
D	Mud Jnt	20-25	Boiler Room	(7) Removed
D	T-O-C	1-5	Front of Stage MPR	(7) Removed
D	T-O-C	1-5	Boiler Room	(7) Removed
D	T-O-C	1-5	MP	(7) Removed
D	Lino	5-10	Admin. Office	(1) Good (4) 3/4 carpeted
D	9" VFT	1-5	MPR	(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)



WP

Bulk Material Analysis

Client:

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

Client Number: 1146
Report Number: 177323
Date Received: 04/21/92

Lab Number: 19220505

Date Collected: 04/16/92

Sample Number: HMS-CUSD-HOK-75A

P.O. Num:

Job ID: Chico Unified School District

Site: ~~Chico Unified School District~~

Location: A wing east classroom, drywall.

Gross Description: White plaster with tan fibrous material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite

Non-Det. %

Non-Det. %

%

%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass

35-40 %

Non-Det. %

%

%

35-40 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

60-65 %

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



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: 177323
Date Received: 04/21/92

Lab Number: 19220506
Sample Number: HMS-CUSD-HOK-75B
P.O. Num:
Job ID: Chico Unified School District
Site: Hooker Oak

Date Collected: 04/16/92

Location: Unit A, central classroom, above wood section of wall center,
drywall.

Gross Description: White plaster with tan fibrous material and paint.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite

Non-Det. %

Non-Det. %

%

%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass

35-40 %

Non-Det. %

%

%

35-40 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

60-65 %

Janis Feichman

Janis Feichman, Director of Laboratory Services, Hayward Laboratory

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

See Reverse for Explanation of Terms and Reporting Practices

San Francisco Office: 3777 Depot Road, Suite 409, Hayward, California 94545 • Telephone: 510/887-8828 • 800/827-4ASI 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: 177323
Date Received: 04/21/92

Lab Number: 19220507

Date Collected: 04/16/92

Sample Number: HMS-CUSD-HOK-75C

P.O. Num:

Job ID: Chico Unified School District

Site: Hooker Oak

Location: Unit E, library above entrance to study area, drywall.

Gross Description: White plaster with tan fibrous material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Non-Det. %

Chrysotile

Non-Det. %

Amosite

Non-Det. %

%

%

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

30-35 %

Cellulose

30-35 %

Fibrous Glass

Non-Det. %

%

%

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

65-70 %

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

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