

# Homogeneous Materials Record

School Dist: Chico USD  
Date Inspected: 04/14/92

School: Loma Vista

BUILDING: 2

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
9" VFTs	1	HALLWAY	01-05	1300 S	N
9" VFTs	1	RM 11 ORTHOPEDICS CR	01-05	500 S	N
9" VFTs	1	RM 12 PHYSICAL THRPY	01-05	1623 S	N
9" VFTs	1	RM 14 OFFICE	01-05	408 S	N
9" VFTs	1	RM 15 ORTHROPEDICS	01-05	500 S	N
ACT	2	rMS 1,2,10,11,12,15	00-00	5000 S	N
HARD PLASTER	3	RM 13 RR	01-05	408 S	N
HARD PLASTER	3	RM 16 RR	01-05	250 S	N
Hard PLASTER	3	RM 6 WOMENS RR	01-05	198 S	N
Hard PLASTER	3	RM 7	01-05	96 S	N
Hard Plaster	3	RM 8 MENS RR	01-05	350 S	N

# Homogeneuos Materials Record

School Dist: Chico USD  
Date Inspected: 04/14/92

School: Loma Vista

BUILDING: 2

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
HARD PLASTER	3	RM 14	01-05	200 S	N
HARD PLASTER	3	BLR ROOM	01-05	400 S	N
DEBRIS	4	ATTIC	55-65	300 S	Y
PW STR	4	ATTIC	55-65	135 L	Y
PW STR	4	BLR RM	70-75	45 L	N
SOFT PLASTER	5	RM 13 RR	01-05	600 S	N
SOFT PLASTER	5	RM 16 & 17	01-05	247 S	N
PW CNR	6	BLR RM	05-10	30 J	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: Loma Vista

Date Inspected: 04/14/92

BUILDING: 2

Material	Homog. Mat. #	Locations	% Asb	Footage Y or N	Friable?
DRYWALL	75	RM 1-3, HALL, 11, 12, 15	00-01 TRACE	2000 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: 04/14/92

School: Loma Vista

BUILDING: 6

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
PW STR	4	ATTIC	70-75	300 S	N
BLR LINER	6	BOILER ROOM	10-15	80 S	N
FCP	8	RM 1, CLSRM, SHOP	00-00	8000 S	N
12" VFTs	9	CLS RM & OPEN AREAS	10-15	5000 S	N
12" VFTs	9	MPR WASH RM KITCHEN	10-15	600 S	N
12" VFTs	9	SPECIAL PURPOSE	10-15	2350 S	N
PLASTER/DRY	10	SHOP STORAGE	00-00	5000 S	N
ACT	11	MPR	00-00	2481 S	N
MUD JNTS	12	BLR RM	99-99 ASSUMED	11 J	Y
DUCT CONNECTR	98	BLR RM	99-99 ASSUMED	50 S	N
TRANS PANELS	99	ABOVE DOORS	99-99 ASSUMED	2000 S	N

# Homogeneuos Materials Record

School Dist: Chico USD  
Date Inspected: 04/14/92

School: Loma Vista

BUILDING: 6

Material	Homog. Mat. #	Locations	% Asb	Footage	Friable? Y or N
TRANS PANELS	99	BLR RM	99-99 ASSUMED	50 S	N

Inspected By: Mike Sharp

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### Homogeneous Materials Record

School Dist: Chico USD

School: Loma Vista

Date Inspected: 04/14/92

BUILDING: TRAILER

Material	Homog. Mat. #	Locations	% Asb	Footage Y or N	Friable?
8 X 1 ACT	7	TRAILER	00-00	200 S	N

Inspected By: Mike Sharp

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**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 04/14/92

Client: Chico Unified S.D. Site: Loma Vista

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

Sample Number	Material	Location
HMS-CUSD-LMAV-75A	Drywall	Office Rm 3
	Result: Trace Composite, Skim Coat is 1-5% asbestos.	
HMS-CUSD-LMAV-75B	Drywall	Office Rm 2
	Result: Trace Composite, skim coat is 1-5% asbestos.	
HMS-CUSD-LMAV-75C	Drywall	Office Rm 1
	Result: Trace asbestos in skim coat.	



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: 177333  
Date Received: 04/21/92

Lab Number: 19220542  
Sample Number: HMS-CUSD-LMAV-75A  
P.O. Num:  
Job ID: Chico Unified School District  
Site: Loma Vista

Date Collected: 04/14/92

Location: Office Room 3, drywall.

Gross Description: White fibrous powder with fibrous backing, paint,  
skim coat, rubbery material and fibrous weave.

Comments: Asbestos in skim coat (1-5%). Composite reported.

### Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile  
Amosite

Trace %  
Non-Det. %  
%  
%

Trace %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose  
Fibrous Glass

15-20 %  
1-5 %  
%  
%

20-25 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

75-80 %

*Janis Deekman*

Janis Deekman, Director of Laboratory Services, Hayward Laboratory

Analytical methods: 40 CFR 763, Subpart F, Appendix A (ASBESTOS)

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





**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: 177333  
Date Received: 04/21/92

Lab Number: 19220543  
Sample Number: HMS-CUSD-LMAV-75B  
P.O. Num:  
Job ID: Chico Unified School District  
Site: Loma Vista

Date Collected: 04/14/92

Location: Office Room 2, drywall.

Gross Description: White fibrous powder with fibrous backing, paint,  
skim coat, rubbery material and fibrous weave.

Comments: Asbestos in skim coat (1-5%). Composite reported.

**Microscopic Description**

**TOTAL ASBESTOS PRESENT:**

Chrysotile  
Amosite

Trace %  
Non-Det. %  
%  
%

Trace %

**TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:**

Cellulose  
Fibrous Glass

10-15 %  
1-5 %  
%  
%

15-20 %

**TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:**

20-25 %

*Janis Treichman*

Janis Treichman, Director of Laboratory Services, Hayward Laboratory

Analytical methods: 40 CFR 703, 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-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



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: 177333  
Date Received: 04/21/92

Lab Number: 19220544  
Sample Number: HMS-CUSD-LMAV-75C  
P.O. Num:  
Job ID: Chico Unified School District  
Site: Loma Vista

Date Collected: 04/14/92

Location: Office Room 1, drywall.

Gross Description: White fibrous powder with fibrous backing, paint,  
skim coat, rubbery material and fibrous weave.

Comments: Asbestos in skim coat (trace). Composite reported.

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile  
Amosite

Trace %  
Non-Det. %

Trace %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose  
Fibrous Glass

15-20 %  
1-5 %

20-25 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

75-80 %

*Janis Teichman*

Janis Teichman, Director of Laboratory Services, Hayward Laboratory

Analytical methods: 40 CFR 101, 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-FASE 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

## 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



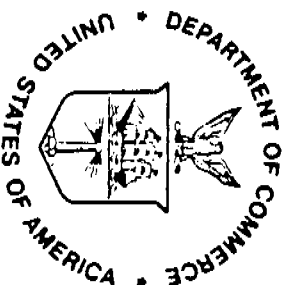
Certificate of Accreditation

**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



*Allen St. John*  
For the National Institute of Standards and Technology

**HOMOGENEOUS SERIAL RECORDS**

**ADDRESS**

BLDG.	MAT. CLASS.	MATERIAL	HOMOG. MAT. #	SAMPLE NUMBER	LOCATION	% ASBESTOS	FOOTAGE FT <sup>2</sup> OF LF	FRIABLE YES NO
2	wisc	off white 9" VPT	01	01	Hallway	1-5	1300 ft <sup>2</sup>	X
					Rm 15 orthopedics		300 ft <sup>2</sup>	X
					Rm 12 physical therapy		1623 ft <sup>2</sup>	X
					Rm 14 office		408 ft <sup>2</sup>	X
					Rm 11 orthopedics clinic		500 ft <sup>2</sup>	X
2	wisc	ACT	02	02	Rm 2	41	336 ft <sup>2</sup>	X
					Rm 10 (waiting)		1300 ft <sup>2</sup>	X
					Rm 6 (principals office)		192 ft <sup>2</sup>	X
					Rm 15		969 ft <sup>2</sup>	X
					Rm 12		1623 ft <sup>2</sup>	X
					Rm 11		1012 ft <sup>2</sup>	X
2	surf	Hard PLASTER	03	03A-E	Rm 13 RR	1-5	402 ft <sup>2</sup>	X
					Rm 16 RR		250 ft <sup>2</sup>	X
2	surf	Soft PLASTER	05	05A-D	Rm 13 RR	1-5	600 ft <sup>2</sup>	X
					Rm 3 Men's RR		350 ft <sup>2</sup>	X
					Rm 7		96 ft <sup>2</sup>	X

# HOMOGENEOUS MATERIAL RECORDS

World History

**ADDRESSES**

[illegible]

# HOMOGENEOUS MATERIAL RECORDS

DISTRICT Aliso SCHOOL Lower Vista  
 ADDRESS \_\_\_\_\_

BLDG.	MAT. CLASS.	MATERIAL	HOMOG. MAT. #	SAMPLE NUMBER	LOCATION	% ASBESTOS	FOOTAGE FT <sup>2</sup> OR LF	FRIABLE YES NO
6	misc	FCP	08	01-6	Room 1 office	< 1	225 ft <sup>2</sup>	X
					Classrooms & open Areas		7000 ft <sup>2</sup>	X
					Shop		676 ft <sup>2</sup>	X
6	misc	12" UFF	09	01-6	W.R.P.R. waste Room kitchen	10-15	600 ft <sup>2</sup>	X
					Classroom & open Areas		5000 ft <sup>2</sup>	X
					Special Purpose		2350 ft <sup>2</sup>	X
6	misc	Plaster and Dry wall	10	03-6	Shop Storage	< 1	5,000 ft <sup>2</sup>	X
6	misc	PCT	11	04-6	W.R.P.R.	< 1	2,481 ft <sup>2</sup>	X
6	TSF	MUD JNTS	12	06	BIR Run	Assumed	11 JNTS	X
6	TSF	90 STR	04	NS	Attic	70-75	300 LF	X
6	misc	Transite Panels	99	NS	Above all doors and in BIR Run	Assumed	2000 ft <sup>2</sup>	X
6	misc	Duct Concrete	98	NS	BIR Run	Assumed	50 LF	X

# HOMOGENEOUS MATERIAL RECORDS

DISTRICT

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## School:

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**ADDRESS**

[illegible]



**HMS, INC.**  
**HAZARD MANAGEMENT SERVICES, INC.**

CHICO UNIFIED SCHOOL DISTRICT  
LOMA VISTA 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 one or more asbestos-containing materials were damaged and friable. Response actions for these materials are listed on Form C's with assessment sheets for each material.

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: **04/14/92**

School: **Loma Vista**

**BUILDING: 2**

<b>Material</b>	<b>Homog. Mat. #</b>	<b>Locations</b>	<b>% Asb</b>	<b>Footage</b>	<b>Codes</b>
9" VFTs	1	HALLWAY	01-05	1300 S	1-4
<b>3 Year Inspection Notes:</b> <b>Condition of Material: GOOD</b> <b>Change in Condition? NO Abated? NO</b> <b>Comments:</b>					
9" VFTs	1	RM 11 ORTHOPEDICS CR	01-05	500 S	1-4
<b>3 Year Inspection Notes:</b> <b>Condition of Material: GOOD</b> <b>Change in Condition? NO Abated? NO</b> <b>Comments:</b>					
9" VFTs	1	RM 12 PHYSICAL THRPY	01-05	1623 S	1-4
<b>3 Year Inspection Notes:</b> <b>Condition of Material: GOOD</b> <b>Change in Condition? NO Abated? NO</b> <b>Comments:</b>					
9" VFTs	1	RM 14 OFFICE	01-05	408 S	1-4
<b>3 Year Inspection Notes:</b> <b>Condition of Material: GOOD</b> <b>Change in Condition? NO Abated? NO</b> <b>Comments:</b>					
9" VFTs	1	RM 15 ORTHROPEDICS	01-05	500 S	1-4
<b>3 Year Inspection Notes:</b> <b>Condition of Material: GOOD</b> <b>Change in Condition? NO Abated? NO</b> <b>Comments:</b>					
HARD PLASTER	3	RM 13 RR	01-05	408 S	1-4
<b>3 Year Inspection Notes:</b> <b>Condition of Material: GOOD</b> <b>Change in Condition? NO Abated? NO</b> <b>Comments:</b>					

**AHERA THREE YEAR REINSPECTION**

School Dist: Chico USD  
Date Inspected: 04/14/92

School: Loma Vista

BUILDING: 2

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
HARD PLASTER	3	RM 16 RR	01-05	250 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
HARD PLASTER	3	RM 6 WOMENS RR	01-05	198 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
HARD PLASTER	3	RM 7	01-05	96 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
HARD PLASTER	3	RM 8 MENS RR	01-05	350 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
HARD PLASTER	3	RM 14	01-05	200 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
HARD PLASTER	3	BLR ROOM	01-05	400 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: 04/14/92

School: Loma Vista

BUILDING: 2

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
DEBRIS	4	ATTIC	55-65	300 S	0-5
3 Year Inspection Notes: Condition of Material: MATERIAL NOT FOUND Change in Condition? YES Abated? REMOVED Comments: No debris seen in this area.					
PW STR	4	ATTIC	55-65	135 L	2-4
3 Year Inspection Notes: Condition of Material: DAMAGED Change in Condition? NO Abated? NO Comments: Ends of pipewrap not wrapped, still friable.					
PW STR	4	BLR RM	70-75	45 L	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
SOFT PLASTER	5	RM 13 RR	01-05	600 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
SOFT PLASTER	5	RM 16 & 17	01-05	247 S	1-4
3 Year Inspection Notes: Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
PW CNR	6	BLR RM	05-10	30 J	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: 04/14/92

School: Loma Vista

BUILDING: 2

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
DRYWALL	75	RM 1-3, HALL, 11, 12, 15	00-01 (TRACE)	2000 S	1-4
3 Year Inspection Notes:					
Condition of Material: GOOD					
Change in Condition? NO Abated? NO					
Comments: ASBESTOS 1-5% IN SKIM COAT ONLY.					

## **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: 04/14/92

School: Loma Vista

BUILDING: 6

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
PW STR	4	ATTIC	70-75	300 S	0-5
<b>3 Year Inspection Notes:</b> Condition of Material: MATERIAL NOT FOUND Change in Condition? YES Abated? NO Comments: Possibly abated, all TSI found in this area is Fiberglass.					
BLR LINER	6	BOILER ROOM	10-15	80 S	1-4
<b>3 Year Inspection Notes:</b> Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
12" VFTs	9	CLS RM & OPEN AREAS	10-15	5000 S	1-4
<b>3 Year Inspection Notes:</b> Condition of Material: GOOD Change in Condition? NO Abated? NO Comments: Mostly under carpet.					
12" VFTs	9	MPR WASH RM KITCHEN	10-15	600 S	1-4
<b>3 Year Inspection Notes:</b> Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
12" VFTs	9	SPECIAL PURPOSE	10-15	2350 S	1-4
<b>3 Year Inspection Notes:</b> Condition of Material: GOOD Change in Condition? NO Abated? NO Comments:					
MUD JNTS	12	BLR RM	01-99 (ASSUMED)	11 J	1-5
<b>3 Year Inspection Notes:</b> Condition of Material: GOOD Change in Condition? YES Abated? NO Comments: One joint shows water stains, but wrap is intact.					

# **AHERA THREE YEAR REINSPECTION**

School Dist: Chico USD  
Date Inspected: 04/14/92

School: Loma Vista

BUILDING: 6

Material	Homog. Mat. #	Locations	% Asb	Footage	Codes
DUCT CONNECTR	98	BLR RM	01-99 (ASSUMED)	50 S	1-4
3 Year Inspection Notes:					
Condition of Material: GOOD					
Change in Condition? NO Abated? NO					
Comments:					

TRANS PANELS	99	ABOVE DOORS	01-99 (ASSUMED)	2000 S	1-4
3 Year Inspection Notes:					
Condition of Material: GOOD					
Change in Condition? NO Abated? NO					
Comments:					

TRANS PANELS	99	BLR RM	01-99 (ASSUMED)	50 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

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

**AHERA THREE YEAR REINSPECTION**

School Dist: Chico USD  
Date Inspected: 04/14/92

School: Loma Vista

BUILDING: TRAILER

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.



PHYSICAL AND HAZARD ASSESSMENT OF FRIABLE  
ACBM OR FRIABLE ASSUMED ACBM (FORM C)  
(SEC. 763.93)

THREE-YEAR REINSPECTION

SCHOOL LOMA VISTA ELEMENTARY SCHOOL				CDS CODE 00-00000-0000000	
ADDRESS (Number) (Street) (City) (Zip) CHICO, CA				SCHOOL PHONE NO. (916) 000-0000	
BUILDING NAME BUILDING 2				INSPECTION DATE 4-13-92	
FUNCTIONAL SPACE ATTIC				LINE NO. FROM FORM B	

TYPE OF FRIABLE ACBM ☐ SURFACING ☒ TSI ☐ MISCELLANEOUS

1. CONDITION OF ACBM (Overall Rating)

CHECK APPROPRIATE BOX ☐ GOOD ☒ DAMAGED (Fair) ☐ SIGNIFICANTLY DAMAGED (Poor)

2. POTENTIAL FOR DISTURBANCE (Overall Rating)

CHECK APPROPRIATE BOX ☐ LOW ☒ MODERATE ☐ HIGH (Potential for significant damage)

3. HAZARD ASSESSMENT (Combine Ratings from Items 1 and 2 and Check Appropriate Box)

CONDITION OF ACBM	POTENTIAL FOR DISTURBANCE		
	LOW	MODERATE	HIGH
GOOD	1	2	3
DAMAGED	4	5 X	6
SIGNIFICANTLY DAMAGED	7	7	7

4. RECOMMENDED RESPONSE ACTION (S) AND COST(S)

RESPONSE ACTION	ESTIMATED COSTS
<input type="checkbox"/> A. OPERATION AND MAINTENANCE	\$
<input checked="" type="checkbox"/> B. REPAIR	\$ 600.00
<input type="checkbox"/> C. ENCAPSULATION	\$
<input type="checkbox"/> D. ENCLOSURE	\$
<input checked="" type="checkbox"/> E. REMOVAL	\$ 4,500.00

5. NARRATIVE OF RECOMMENDED RESPONSE ACTIONS (Attach Additional Sheets if Necessary)

	SCHEDULE	
	START	FINISH
B. REPAIR ALL DAMAGED TSI WITH WETTABLE CLOTH AND SEALING COMPOUND. CLEAN UP DEBRIS. RESTRICT ACCESS UNTIL ABATED.	1992	1992
E. REMOVE ALL 135 LF OF TSI AND DEBRIS ACCORDING TO AHERA PROTOCOL. RESTRICT ACCESS UNTIL ABATED.	1993	1993

HAZARD MANAGEMENT SERVICES, INC.  
Inspection Form I-1

District: CHICO UNIFIED SCHOOL DISTRICT  
School: LOMA VISTA ELEMENTARY SCHOOL  
Building: BUILDING 2  
Location: ATTIC  
(functional area)

Line on Form B  
Page 1 of 1

Date: 4-13-92

Inspector: MCS

HMS:

Material: TSI

% Asbestos: 55-65%

Description: PW STRAIGHT

Amount of Material: 135 LF

Assumed ACM:

# of samples:

CONDITION: % damaged  
01-05%

Extent of damage  
DISTRIBUTED

Type of damage: DETERIORATION

DESCRIPTION: ENDS OF PIPE NOT WRAPPED

POTENTIAL FOR DISTURBANCE:

PREVENTATIVE MEASURES:

REMEDIAL ACTIONS

Accessibility: MODERATE  
Vibration : LOW  
Air Erosion : LOW  
Water : LOW  
Occupancy : LOW

PREVENT WATER CONTACT  
DO NOT DSCG  
DO NOT AFFIX SIGNS/DECOS  
AVOID CONTACT

REPAIR/CLEAN UP

COMMENTS:

ACBM Condition - Assessment

Poor  
(Significant damage)

Fair  
(Damaged)

Good  
(Little or no damage)

Hazard Rank 1

Damage

Potential Disturbance

High

Moderate

Low

High

Moderate

Low

Potential Significant  
Damage

Potential Damage

Potential Significant  
Damage

Potential Damage

Hazard Rank 2

Hazard Rank 3

Hazard Rank 4

Hazard Rank 5

Hazard Rank 6

Hazard Rank 7

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# 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

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# 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 29, 1992SCHOOL Loma Vista Elementary INSPECTOR Michael Fender *MF*

HOMOG.		ASBESTOS		LOCATION	CONDITION: CODE & COMMENTS
BLDG.	MAT.#	MATERIAL			
2	9" VFT	1-5		Hall, Rms 15, 17, 14, 11	1-4
2	Hard plas	1-5		Rm 13 RR, Rm 16 RR	1-4
2	Soft plas	1-5		Rm 13 RR, Rm 8 Men's RR, Rm 7	1-4
2	Soft plas	1-5		Rm 6 Women's RR, Rm 16	2-5 RR has plaster chipping on So. wall
2	PW Str & Debris	55-65		Attic	2-4
2	PW Str	70-75		Boiler Room	(4)
2	PW Cnr	5-10		Boiler Room	1-4

## 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)

## SIX-MONTH SURVEILLANCE

Page 2 of 2

DISTRICT Chico Unified School DistrictDATE December 29, 1992SCHOOL Loma Vista ElementaryINSPECTOR Michael Fender

BLDG.	HOMOG. MAT.#	ASBESTOS MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
6	12" Vft	10-15	MPR, RR, Kitchen, Classrooms, open areas, special purpose	1-4
6	Mud Jnts	Assumed	B/R room	6-4 1 Jnt P.W. around valve
6	PW Str	70-75	Attic	1-4
6	Tran panl	Assumed	Above all doors and B/R	1-4
6	Duct box	Assumed	B/R room	1-4
6	Boil linr	10-15	Boiler room	1-4

## 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)



## Bulk Material Analysis

Client:

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

Client Number: 1146  
Report Number: 177333  
Date Received: 04/21/92

Lab Number: 19220542  
Sample Number: HMS-CUSD-LMAV-75A  
P.O. Num:  
Job ID: Chico Unified School District  
Site: [REDACTED]

Date Collected: 04/14/92

Location: Office Room 3, drywall.

Gross Description: White fibrous powder with fibrous backing, paint, skim coat, rubbery material and fibrous weave.

Comments: [REDACTED]). Composite reported.

### Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile  
Amosite

Trace %  
Non-Det. %  
%  
%

Trace %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose  
Fibrous Glass

15-20 %  
1-5 %  
%  
%

20-25 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

75-80 %

*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



## Bulk Material Analysis

Client:

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

Client Number: 1146  
Report Number: 177333  
Date Received: 04/21/92

Lab Number: 19220543  
Sample Number: HMS-CUSD-LMAV-75B  
P.O. Num:  
Job ID: Chico Unified School District  
Site: Loma Vista

Date Collected: 04/14/92

Location: Office Room 2, drywall.

Gross Description: White fibrous powder with fibrous backing, paint, skim coat, rubbery material and fibrous weave.

Comments: Asbestos in skim coat (1-5%). Composite reported.

### Macroscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile  
Amosite

Trace %  
Non-Det. %  
%  
%

Trace %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose  
Fibrous Glass

10-15 %  
1-5 %  
%  
%

15-20 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

80-85 %

*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



**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: 177333  
Date Received: 04/21/92

Lab Number: 19220544  
Sample Number: HMS-CUSD-LMAV-75C  
P.O. Num:  
Job ID: Chico Unified School District  
Site: Loma Vista

Date Collected: 04/14/92

Location: Office Room 1, drywall.

Gross Description: White fibrous powder with fibrous backing, paint,  
skim coat, rubbery material and fibrous weave.

Comments: Asbestos in skim coat (trace). Composite reported.

**Microscopic Description**

**TOTAL ASBESTOS PRESENT:**

Chrysotile  
Amosite

Trace %  
Non-Det. %  
%  
%

Trace %

**TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:**

Cellulose  
Fibrous Glass

15-20 %  
1-5 %  
%  
%

20-25 %

**TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:**

75-80 %

*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

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