

ASBESTECH  
6801 FairOaks Blvd., Suite H  
Carmichael, CA 95608  
(916)481-8902 FAX(916)481-3975

Hazard Management Services, Inc.  
P.O.Box 7548  
Citrus Heights, CA 95621-7548

JOB: C578  
Chico U.S.D.  
Hooker Oak Elem.

ASBESTOS ANALYSIS REPORT

LAB JOB #18474  
DATE RECEIVED:  
4/24/95

DOHS# 1153  
NVLAP# 1442  
DATE REPORTED:  
4/24/95

<u>SAMPLE#</u>	<u>COLOR/DESCRIPTION</u>	<u>% TYPE ASBESTOS</u>	<u>% TYPE OTHER</u>
HMS-C578-			
01	Homogeneous black roofing tar paper Unit E, S side edge of roof	15-25 CHRYSOTILE	55 Tar Binder 20 Cellulose
02	Homogeneous black roofing tar paper Unit A, S side edge of roof	15-25 CHRYSOTILE	55 Tar Binder 20 Cellulose

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/482020. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITH THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED BY CLIENT TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS TEST REPORT AND DATE OF ISSUE.

NVLAP

SIGNED



Asbestos

Control

Group, Inc.

Contractor's License No. 521640  
Cal OSHA #22  
EPA Certification No. -305

DATE Sept 5, 1995

TO: Douglas Colley Hms, inc.

CO: HMS

FAX NO: <sup>(609)</sup> 578-8899

NUMBER OF PAGES INCLUDING THIS PAGE: 34

FROM: Shelma Rodriguez

CO: Asbestos Control Group, Inc.

Copies of manifest are as good as possible  
Im still waiting on dump ticket from  
ARS. Thank

PLEASE CALL (916)383-5492 IF NOT CLEAR OR ALL PAGES NOT RECEIVED.

To Be Completed by GENERATOR

Name Chico Unified School District

EPA ID# NA

Address 1143 E Seventh St

City, State, Zip Chico, CA 95928-5999

Phone No 916 898-3000

(Hooker Oak Elementary)

Containers: No. 121 Volume \_\_\_\_\_ Weight \_\_\_\_\_  
Type 1 Tank Truck \_\_\_\_\_ Dump Truck \_\_\_\_\_ Drums \_\_\_\_\_ Cans \_\_\_\_\_ Other \_\_\_\_\_  
Waste Description Building Materials Generating Process Construction

Components of Waste	PPM	Components of Waste	PPM
1. <u>Not-Earth Debris</u>	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____

Properties:  Solid  Liquid  Sludge  
 Slurry  Other

Handling Instructions: \_\_\_\_\_

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Keith L. Anderson for Chico Unified  
Typed or Printed Full Name School District

7/11/95  
Date

Keith L. Anderson  
Signature

To be completed by TRANSPORTER

EPA ID# 1417 2816 3118 92

Name AKS inc

Service order # \_\_\_\_\_

Address PO Box 2004 ORANGEVILLE

Pick up date 7/17/95

Phone # (916) 645-2240

Truck unit # 600309

To be completed by TSD FACILITY

Name Anderson Solid Waste

EPA ID# \_\_\_\_\_

Address 18703 Cambridge Rd

Disposal Method  
 Landfill  Other

City, State, Zip Anderson, Ca.

Phone # (916) 347-5236

95007

Typed or printed full name & signature \_\_\_\_\_

Date \_\_\_\_\_

Generated by GENERATOR:  
Chico Unified School District EPA ID# NA/NA

Address:  
7 Seventh St  
Chico, CA 95928-5777 Phone No. (916) 898-3000

Name: (Elementary) 119  
Material No. 119 Volume \_\_\_\_\_ Weight \_\_\_\_\_  
Tank Truck \_\_\_\_\_ Dump Truck \_\_\_\_\_ Drums \_\_\_\_\_ Carbons \_\_\_\_\_ Other \_\_\_\_\_  
Material Description: Building Materials Generating Process Recovery

Color of Waste	PPM	Components of Waste	PPM
White			

Material Type:  Solid  Slurry  Liquid  Sludge  Other

Generator Certifies that the waste as described is 100% NON-HAZARDOUS.  
Signature: L. Anderson for Chico Unified School District  
Date: 7/15/95

Generated by TRANSPORTER  
Signature: [Signature]  
EPA ID# CA012816211892

Service order # \_\_\_\_\_  
Pick up date: 7/17/95  
Truck unit # 60030

Generated by TSD FACILITY  
Signature: [Signature]  
EPA ID# \_\_\_\_\_  
Address: 3 Cambridge Rd  
Chico, CA 95928  
Phone # (916) 341-5236  
Disposal Method:  Landfill  other

Generator full name & signature \_\_\_\_\_ Date \_\_\_\_\_

INVOICE

ARS, INC.  
P.O. BOX 2064  
ORANGEVALE, CA 95662  
(916) 645-2240

ASBESTOS CONTROL GROUP  
8597 JACKSON ROAD  
SACRAMENTO, CA 95826

INVOICE#  
8113

7/25/95

QUANTITY	SIZE	MANIFEST NUMBERS	UNIT PRICE	EXTENDED
2	OPEN TOP BINS	NF071495119 NF071495121  JOBSITE: HOOKER OAKS SCHOOL CHICO, CA. BINS #119 & #121  PICKED UP : 7/17/95  JOB# UNKNOWN	\$750.00	\$1,500.00
TOTAL				\$1,500.00

PAID  
95-075

THANK YOU

PLEASE SUBMIT DUPLICATE WITH PAYMENT

SIX-MONTH SURVEILLANCE

DISTRICT Chico Unified School District DATE September 8, 1995

SCHOOL Hooker Oak Elementary INSPECTOR Ron Jones

HOMOG. ASBESTOS MATERIAL LOCATION CONDITION: CODE & COMMENTS

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

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

DISTRICT Chico Unified School District DATE September 8, 1995

SCHOOL Hooker Oak Elementary INSPECTOR Ron Jones

HOMOG. ASBESTOS MATERIAL LOCATION CONDITION: CODE & COMMENTS

BLDG.	MAT.#	MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
D	Mud Jnt	20-25	Boiler Room	(7)
D	T-O-C	1-5	Front of Stage MPR	(7)
D	T-O-C	1-5	Boiler Room	(7)
D	T-O-C	1-5	MP	(7)
D	Lino	5-10	Admin. Office	(1) (4) 3/4 carpeted
D	9" VFT	1-5	MPR	(7)
D	9" Red VFT	Assumed	Admin and Nurse's Closet Storage	(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)

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

**CHICO UNIFIED SCHOOL DISTRICT**  
**HOOKER OAK ELEMENTARY**  
**AHERA THREE-YEAR REINSPECTION SUMMARY**

**APRIL 12, 1995**

At this site all non-friable materials including 9" VFT, linoleum and drywall were inspected and were found to be in good condition. These materials will remain non-friable as long as they are not sanded, drilled, cut or otherwise abused so that a powder is produced. Removal of these materials will require an asbestos abatement contractor in most cases.

The following thermal system insulation (TSI) materials were found at this site. Even though they were not friable, an evaluation sheet and a Form C is included for these materials. These materials must not be handled by district personnel.

<u>Non-friable TSI</u>	<u>Location</u>
Boiler Lining . . . . .	Bldg. D, Boiler Lining

See "Special Notes" section concerning drywall sampling and renovations/demonstrations. This page contains valuable information which must be considered before any alterations, modernization, renovations or demolitions occur.

Be sure to add this report to your management plan at the district and at the appropriate site.



## INFORMATION SHEET

### SPECIAL NOTE NO. 1 – DRYWALL/SHEETROCK

Drywall and its components continue to present problems both for our clients and for us. The inconsistency of sample results indicates that even the EPA\AHERA method for sampling drywall is inadequate. Although three to 15 or more drywall samples may have been collected at your school(s), the results may not be representative of what is present. Asbestos sometimes is found in the drywall itself, in its tape and/or joint compound or in the final texture coat applied to finish the appearance. It can be found in any combination in these materials. It can also be found in patching materials used to repair damaged drywall. Paint added to otherwise non-homogeneous materials can also produce inappropriate assumptions that all materials are the same.

To account for the variability in drywall construction we strongly advise that any substantial renovation project involving drywall be preceded by a comprehensive evaluation of the materials designated for handling.

### SPECIAL NOTE NO. 2 – RENOVATIONS/DEMOLITIONS

Please be aware that many possible asbestos-containing materials were specifically exempted from inspection and identification by the AHERA sampling protocol. These exempted materials included roofing materials, most exterior plasters, exterior window putty, exterior transite panels and shingles, some exterior thermal system insulation and a few other materials. AHERA also exempted heat resistant countertops and transite blackboards and a few other materials found inside of buildings.

While these materials are exempted by AHERA, they are not exempted by Cal/OSHA or EPA's regulation in its "National Emission Standards for Hazardous Air Pollutants" (NESHAP). Therefore, any renovation activity involving these materials must be preceded by a sampling project to identify asbestos-containing materials which may be regulated by these agencies or the local Air Pollution Control District. You cannot rely on your AHERA reports to identify all of these additional materials.

THREE YEAR REINSPECTION

DISTRICT Chico Unified School District DATE April 11, 1995

SCHOOL Hooker Oak Elementary INSPECTOR Doug Colley

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

BLDG.	HOMOG.	ASBESTOS MATERIAL CONTENT	LOCATION	CONDITION: CODE & COMMENTS
A	9" VFT	1-5	Cl assrooms	(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) Now under carpet
B	PW Str	20-25	Basement	(7) Removed
D	PW Str	15-20	Boiler Room	(7) Removed
D	Boiler liner	50-55	Boiler Room	CUSD lists this material as removed, HMS found lined boiler (1-4), could this be new? If so, please add letter stating no AChs were used to replace old lining.
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

GENERAL CONDITION: (1) GOOD (2) DAMAGED (3) SIGNIFICANTLY DAMAGED (25% OR MORE) (4) NO (5) YES (IF YES, EXPLAIN UNDER COMMENTS)

CHANGE IN CONDITION: (6) REPAIRED (7) REMOVED (8) ENCAPSULATED (9) ENCLOSED (10) ISOLATED & RESTRICTED

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

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

THREE YEAR REINSPECTION

DISTRICT Chico Unified School District DATE April 11, 1995

SCHOOL Hooker Oak Elementary INSPECTOR Michael Sharp

BLDG. \_\_\_\_\_ HOMOG. \_\_\_\_\_ ASBESTOS \_\_\_\_\_ MATERIAL \_\_\_\_\_ CONTENT \_\_\_\_\_ LOCATION \_\_\_\_\_ CONDITION: CODE & COMMENTS

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
D	9" Red VFT	Assumed	Admin and Nurse's Closet Storage	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)



# FORENSIC ANALYTICAL

## FAX TRANSMISSION Summary of Results Polarized Light Microscopy

To: \_\_\_\_\_ Date/Time: 4/18/95 845p  
Hazard Management Services, Inc.

Project : Chico USD  
Report #: 233015

Attn: Juni Sharp Sender: R. /CAN

If you do not receive all pages, please contact Sender at (510) 887-8828

C: Chrysotile      Cr: Crocidolite  
A: Amosite        ND: No Asbestos detected  
P : Preliminary; subject to review

Sample Number	Asbestos %	Asb. Type(s)	Notes
HMSCUSDHO-200A	<u>ND</u>	_____	_____

FAXED TO: #25

A hard copy report will follow in the mail. Thank you.

Supervisor Approval: \_\_\_\_\_

# HAZARD MANAGEMENT SERVICES, INC.

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

## THREE-YEAR REINSPECTION

DISTRICT <b>CHICO UNIFIED SCHOOL DISTRICT</b>	CDS CODE
SCHOOL <b>Hooker Oak</b>	PHONE NUMBER <b>(916)891-3096</b>
ADDRESS <b>Chico</b>	
BUILDING NAME <b>D</b>	INSPECTION DATE <b>04/11/95</b>
FUNCTIONAL SPACE <b>Boiler Room</b>	LINE NO. FROM FORM B <b>NA</b>
TYPE OF FRIABLE ACBM <b>TSI Boiler Lining</b>	

1. **CONDITION OF ACBM (Overall Rating)**      **GOOD**
2. **POTENTIAL FOR DISTURBANCE (Overall Rating)**      **Low**
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 <b>XXX</b>	2	3
DAMAGED	4	5	6
SIGNIFICANTLY DAMAGED	7	7	7

4. RECOMMENDED RESPONSE ACTION (S) AND COST(S)		ESTIMATED COSTS
RESPONSE ACTION		
YES A. OPERATION AND MAINTENANCE -----	\$ 100.00	
B. REPAIR -----	\$ 0.00	
C. ENCAPSULATION -----	\$ 0.00	
D. ENCLOSURE -----	\$ 0.00	
E. REMOVAL -----	\$ 0.00	
<b>TOTAL COST</b>		<b>\$ 100.00</b>

**5. NARRATIVE OF RECOMMENDED RESPONSE ACTIONS** (Attach Additional Sheets if Necessary)  
 This material shall be visually inspected frequently and the room shall be posted.

Comments: CUSD 6-month surveys show this material as removed, HMS inspection found a lined boiler, could this be new NON-ACM boiler lining? If so, please attach NON-ACM certification Letter for Lining.

# HAZARD MANAGEMENT SERVICES, INC.

## Inspection Form I-1

Line on Form B TSI

**District:** CHICO UNIFIED SCHOOL DISTRICT

**School:** Hooker Oak

**Date:** 04/11/95

**Building:** D

**Inspectors:** MCS/DRC

**Location:** Boiler Room

**Material:** Boiler Lining

**Amount of Material:** 210 Square Feet

**CONDITION:** GOOD

**Extent of damage:** None

**Type of damage:**

Air...N

Deterioration...N

Water...N

Physical...N

Flaking...N

**Feet of Damaged Material:** None Feet

**POTENTIAL FOR DISTURBANCE:**

Accessibility: Moderate

Vibration....: Low

Air Erosion...: Low

Water.....: Low

Occupancy....: Moderate

**PREVENTATIVE MEASURES:**

Fix Leaks:.....

Prevent h2O Contact:..... YES

Do not DCSG :..... YES

Do not Affix Signs/Decos:

Avoid Contact:..... YES

**REMEDIAL ACTIONS**

Isolate/Restrict:

Repair Clean-up.:

Encapsulate.....

Remove.....

O&M.....: YES

\*Do not DCSG = Do not Drill, Cut, Sand or Grind

### ACBM Condition - Assessment

Condition of Material .... GOOD

Potential For Damage to Material .... Low

#### Hazard Ranking

Hazard Rank 1 - Significantly Damaged

Hazard Rank 2 - Damaged with High Potential for Significant Damage

Hazard Rank 3 - Damaged with Moderate Potential for Significant Damage

Hazard Rank 4 - Damaged with Low Potential for Significant Damage

Hazard Rank 5 - No Damage with High Potential for Damage

Hazard Rank 6 - No Damage with Moderate Potential for Damage

XXX Hazard Rank 7 - No Damage with Low Potential for Damage