INSPECTION DOCUMENTS

LEA: CHICO UNIFIED SCHOOL DISTRICT

SCHOOL: SHASTA ELEMENTARY SCHOOL

DATE OF INSPECTION: MARCH 30, 1988

INSPECTOR: JAMES E SHARP

ACCREDITATION: UC P.A.I.C. #4

*(name of inspector)

UNIVERSITY OF CALIFORNIA BERKELEY

UNIVERSITY EXTENSION

This is to certify that

James E Sharp

has attended and satisfactorily passed the exam

for the course

Building Inspection and Management Planning for Asbestos

November 16-20, 1987

This certification is valid until:

November 20, 1988

November 18 and 20, 1987

Exam dates **4** Certificate number



Vinin Sutcher

Assistant Dean University Extension

Program Director Pacific Asbestos Information Center

UNIVERSITY OF CALIFORNIA UNIVERSITY EXTENSION BERKELEY

This is to certify that

JAMES E. SHARP

for building inspectors and management planners, has attended the refresher course

Advanced Topics in Building Inspection and Management Planning **December 13, 1988**

Certificate number: 4

Valid until: December 13, 1989

Jimin Sutcher

University Extension Delonal Del.

Pacific Asbestos Information Center

ದಾತ ದಾರ್ಯ SUMMARY OF FRIABLE AND NON-FRIABLE ACEM BY BUILDING 04 61424 6003099 \$0-c0. SCHOOL PHONE NUMBER SHASTA ELEMENTARY SCHOOL **9**16**)** 891-3141 ACCRESS الات 95926 CHICO, CA

NUMBER OF BUILDINGS

169 LEORA COURT

				CHEC	K ONE	
UNE	BUILDING NAME		ACSM		ASSUME	D ACSM
	(Indicate Address if Different From Above)	NONE	FRIABLE	NON- FRIABLE	FRIABLE	NON- FRIABLE
1,	UNIT A		Х	X		Х
2.	UNIT B			·		X
1	UNIT C					х
4.	UNIT D					х
5.	NEW PORTABLE	x				
6.						<u> </u>
7.						
<u>.</u>						
•						
10.						
11.						
12					<u> </u>	
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14.						1
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19.						
20.				<u> </u>		

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences
BULK ASBESTOS ANALYSIS REPORT

FOR Client: Client Number: Report Number: Hazard Management Services, Inc. 146 7093 Date Received: 04/05/88 P.O. Box 7012 Date Examined: 04/11/88 Modesto, CA 95355 Lab Number: 8809345 Analyst: MF Sample Number: SHA-01 Site: Shasta. Location: Administration Offices, Unit C - 2x4 Panel ceiling. P.O.: Chico Unified School District.

Gross Description: Off-white, fibrous ceiling tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT: <1< 1 Chrvsotile < 1 Amosite < 1Crocidolite 60-70 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: 15-20 Cellulose 45-50 Mineral Wool Polyethylene < 1 30-40 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: Unspecified Particulates 25-30 Perlite

Analyst:

Supervisor:

COMMENTS: Analysis employs Polarized Light Microscopy with Dispersion Staining, and is performed by an analyst qualified under the EPA bulk asbestos proficiency testing program. Samples with no observable asbestiform minerals are designated as containing less than one percent (<1%) asbestos. Samples in which asbestiform minerals have been observed, but exist in concentrations of less than one percent (<1%) are designated as present in "trace" amounts.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

Client:		
	- :	

Hazard Management Services, Inc.

Client Number: Report Number: 146

Date Received: 04/05/88

P.O. Box 7012 Modesto, CA 95355

Date Examined: 04/11/88

Lab Number: 8809346

Analyst: MF

Sample Number: SHA-02

Site: Shasta.

Location: Classroom, Unit C - 12" VFT, light beige.

P.O.: Chico Unified School District.

Gross Description: Beige floor tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	Trace <1 <1	500 000 000 000 000	Trace	0 /0
TOTAL NON-ASBESTOS FIBROUS MATERIAL PR Cellulose Mineral Wool Polyethylene	RESENT: <1 <1 <1	oto oto oto	<1	0,0
TOTAL NON-ASBESTOS NON-FIBROUS MATERIA Unspecified Particulates	AL PRESENT: 98-99	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	98-99	ુ

Supervisor:

COMMENTS: Analysis employs Polarized Light Microscopy with Dispersion Staining, and is performed by an analyst qualified under the EPA bulk asbestos proficiency testing program. Samples with no observable asbestiform minerals are designated as containing less than one percent (<1%) asbestos. Samples in which asbestiform minerals have been observed, but exist in concentrations of less than one percent (<1%) are designated as present in "trace" amounts.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BBULKK ASBESTOS ANALYSSIS REPORT

FOR Cliennt:	a [.]	lient Numb	ar	14
Haazard Management Servicces, Inc.	Reno	rt Number: Received:	,	7093
P.O. Box 7012 Modesto, CA 95355	Date Date	Examined:	04/11/	88
Lab Number: 8809347 Sample Number: SHA-03 Site: Shasta.			nalyst:	Mr.
Location: Classroom - Room 6, Unit A - 1 tile.	2" Acous	tic ceilir	ıg	
P.O.: Chico Unified School District.				
Gross Description: Off-white, fibrous cei	ling til	.e.		
THE TRANSPORT OF THE CONTROL OF THE				
MICROSCOPIC DESCRIPTION:				 -
TOTAL ASBESTOS PRESENT:			<1	ે
Chrysotile	<1 <1	% %		
Amosite	<1	8		
Crocidolite	- +	Q.		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRES	ENT:		90-95	8
Cellulose	20-23	9		
Mineral Wool	< 1	%		
Polyethylene	< 1	° ° °		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL Unspecified Particulates	PRESENT: 5-10	ે જ	5-10	%
		90		
Analyst: Michelle Fox	Sup	ervisor: Ç	<u> </u>	
			h Dispe	rsion

COMMENTS: Analysis employs Polarized Light Microscopy with Dispersion Staining, and is performed by an analyst qualified under the EPA bulk asbestos proficiency testing program. Samples with no observable asbestiform minerals are designated as containing less than one percent (<1%) asbestos. Samples in which asbestiform minerals have been observed, but exist in concentrations of less than one percent (<1%) are designated as present in "trace" amounts.

3777 Depoi Road, Suite 108. Hayward, CA 94545 • (415) 887-8828

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences
BULK ASBESTOS ANALYSIS REPORT

FOR Client: 146 Client Number: Hazard Management Services, Inc. Report Number: Date Received: 04/05/88 P.O. Box 7012 Date Examined: 04/11/88 Modesto, CA 95355 Analyst: MF 8809348 Lab Number: Sample Number: SHA-04 Site: Shasta. Location: Classroom - Room 6, Unit A - 9" VFT, beige. P.O.: Chico Unified School District Gross Description: Off-white floor tile associated with black, tar adhesive (asbestos in both). MICROSCOPIC DESCRIPTION: 5-10 TOTAL ASBESTOS PRESENT: 5-10 Chrysotile < 1 Amosite < 1 Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: Trace Trace Cellulose ષ્ટ્ર < 1 Mineral Wool < 1 Polyethylene 90-95 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: Unspecified Particulates ૄ

Analyst: Michella Fox

Supervisor:

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COMMENTS: Analysis employs Polarized Light Microscopy with Dispersion Staining, and is performed by an analyst qualified under the EPA bulk asbestos proficiency testing program. Samples with no observable asbestiform minerals are designated as containing less than one percent (<1%) asbestos. Samples in which asbestiform minerals have been observed, but exist in concentrations of less than one percent (<1%) are designated as present in "trace" amounts.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences
BULK ASBESTOS ANALYSIS REPORT

FOR

Client: Hazard Management Services, Inc. Client Number: 146
Report Number: 7093

P.O. Box 7012 Modesto, CA 95355 Date Received: 04/05/88
Date Examined: 04/11/88

Lab Number: 8809349 Analyst: MF

Sample Number: SHA-05

Site: Shasta.

Location: Attic, Unit A - Mudded corner.

P.O.: Chico Unified School District.

Gross Description: Gray, semi-fibrous insulation.

MICROSCOPIC DESCRIPTION: 1-5 TOTAL ASBESTOS PRESENT: 1-5 Chrysotile < 1 Amosite < 1 Crocidolite 65-70 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: ů, Cellulose 60-65 Mineral Wool < 1 Polyethylene 25-30 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: Unspecified Particulates 25-30 엉

Analyst: 1/1 helle Supervisor: De Su

COMMENTS: Analysis employs Polarized Light Microscopy with Dispersion Staining, and is performed by an analyst qualified under the EPA bulk asbestos proficiency testing program. Samples with no observable asbestiform minerals are designated as containing less than one percent (<1%) asbbestos. Sammples in which asbestiform minerals have been observed, but exist in concentrations of less than one percent (<1%) are designated as present in "trace" amounts.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences
BULK ASBESTOS ANALYSIS REPORT

FOR Client: Client Number: Hazard Management Services, Inc. Report Number: Date Received: 04/05/88 P.O. Box 7012 Date Examined: 04/11/88 Modesto, CA 95355 Analyst: MF Lab Number: 8809350 Sample Number: SHA-06 Site: Shasta. Location: Attic, Unit A - PW. P.O.: Chico Unified School District. Gross Description: Off-white, semi-fibrous powder. MICROSCOPIC DESCRIPTION: 30-35 TOTAL ASBESTOS PRESENT: 5-10 Chrysotile 20-25 Amosite <1 Crocidolite 1 - 5 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: 1 – 5 Cellulose ે < 1 Mineral Wool < 1 Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: 60-65 ુ Unspecified Particulates Supervisor: COMMENTS: Analysis employs Polarized Light Microscopy with Dispersion Staining, and is performed by an analyst qualified under the EPA bulk asbestos proficiency testing program. Samples with no observable asbestiform minerals are designated as containing less than one percent (<1%) asbestos. Samples in which asbestiform minerals have been ob-

served, but exist in concentrations of less than one percent (<1%) are

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences BULK ASBESTOS ANALYSIS REPORT

FOR				
Client: Hazard Management Services, Inc. P.O. Box 7012	Repo: Date	nt Number: ct Number: Received: Examined:	04/05/	7093 88
Modesto, CA 95355	Date:			- <i></i>
Lab Number: 8809351 Sample Number: SHA-07 Site: Shasta.		An	alyst:	MF
Location: Main Boiler Room, Unit A - 1	PW straight	large dia	meter.	
P.O.: Chico Unified School District				
Gross Description: Off-white, semi-fib	rous powder			
MICROSCOPIC DESCRIPTION:				
TOTAL ASBESTOS PRESENT:			15-20	ટ
Chrysotile	1-5			
Amosite	10-15	o, o		
Crocidolite	<1	3		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PR	RESENT:		1 - 3	9.0
Cellulose	15	%		
Mineral Wool	<1 <1	o/o o;o		
Polyethylene	~ 1	3		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIA	AL PRESENT:		75-30	9,
Unspecified Particulates	75-80	3		
<u>.</u>		્ર _ે ્ર		
		·		
Analyst: Michalle Fox	<u></u>	rvisor:	<u>Do</u>	
COMMENTS: Analysis employs Polarized Staining, and is performed by an analy asbestos proficiency testing program. asbestiform minerals are designated as (<1%) asbestos. Samples in which asbestived, but exist in concentrations of designated as present in "trace" amoun	Samples wing containing stiform minus than	th no observed that	ervable n one p e been	ercen ob-

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences
BULK ASBESTOS ANALYSIS REPORT

FOR					
Client: Hazard Management Services, Inc.	Repo	ent Number ort Number	7:	7093	
P.O. Box 7012 Modesto, CA 95355	Date Date	e Received e Examined	1: 04/05 1: 04/11	/88 /88 	
Lab Number: 8809352 Sample Number: SHA-08 Site: Shasta.		i	Analyst:	MF	
Location: Main Boiler Room, Unit A -	Mudded cor	ner.			
P.O.: Chico Unified School District.					
Gross Description: Off-white, semi-fil	orous powde	r.			
MICROSCOPIC DESCRIPTION:				- 	
			< 1	\%	
TOTAL ASBESTOS PRESENT: Chrysotile	<1	0,	•	-	
Amosite	<1	9 6			
Crocidolite	< 1.	% %			
TOTAL NON-ASBESTOS FIBROUS MATERIAL P	RESENT:		65-70	6/6	
Cellulose	1-5	%			
Mineral Wool	60-65	96 95			
Polyethylene	<1	85			
TOTAL NON-ASBESTOS NON-FIBROUS MATERI	AL PRESENT	:	30-35	8	
Unspecified Particulates	30-35	ેં			
- · · · -		90			
		5 %			
Analyst: Michelle to	Sup	ervisor:	<u> </u>		
COMMENTS: Analysis employs Polarized	Light Micr	oscopy Wi	th Dispe	ersion bulk	
Staining, and is performed by an analysis employs rolatized staining, and is performed by an analysis employs rolatized staining, and is performed by an analysis employs rolatized staining, and is performed by an analysis employs rolatized staining, and is performed by an analysis employs rolatized staining, and is performed by an analysis employs rolatized staining, and is performed by an analysis employs rolatized staining, and is performed by an analysis employs rolatized staining, and is performed by an analysis employs rolatized staining.					
	s contatii.	id reporting	CALL CALC E		
(<1%) asbestos. Samples in which asb	estiform mi	nerals ha	ve peen	op- 81 are	

served, but exist in concentrations of less than one percent (<1%) are

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences BULK ASBESTOS ANALYSIS REPORT

FOR

Client:

Hazard Management Services, Inc.

Client Number:

P.O. Box 7012

Report Number: Date Received: 04/05/88

ુ

7093

Modesto, CA 95355

Date Examined: 04/11/88

Lab Number: 8809353

Analyst: MF

Sample Number: SHA-09

Site: Shasta.

Location: Main Boiler Room, Unit A - PW corner small diameter.

P.O.: Chico Unified School District.

Gross Description: Off-white, semi-fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	<1 5-10 <1	ars are are are	5-10	93
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRES Cellulose Mineral Wool Polyethylene	SENT: Trace 20-25 <1	وره وري وري وري	20-25	olo
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL Unspecified Particulates	PRESENT: 65-75	o,0 o,0 o,0	65-75	ું

COMMENTS: Analysis employs Polarized Light Microscopy with Dispersion Staining, and is performed by an analyst qualified under the EPA bulk asbestos proficiency testing program. Samples with no observable asbestiform minerals are designated as containing less than one percent (<1%) asbestos. Samples in which asbestiform minerals have been observed, but exist in concentrations of less than one percent (<1%) are designated as present in "trace" amounts.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences BULK ASBESTOS ANALYSIS REPORT

FOR			
Client: Hazard Management Services, Inc.	Report Nu	imber:	7093
P.O. Box 7012 Modesto, CA 95355	Date Rece	eived: 04/05 nined: 04/11	788
Lab Number: 8809354 Sample Number: SHA-10A Site: Shasta.		Analyst:	ME
Location: Main Boiler Room, Unit A	- Wall plaster.		
P.O.: Chico Unified School District	•		
Gross Description: Off-white wall pl	aster.		
MICROSCOPIC DESCRIPTION:			
		- 1	o v
TOTAL ASBESTOS PRESENT: Chrysotile	<1 %	<1	3
Amosite	<1 %		
Crocidolite	<1 %		
TOTAL NON-ASBESTOS FIBROUS MATERIAL	PRESENT:	Trace	%
Cellulose	1-5		
Mineral Wool	Trace %		
Polyethylene	3		
TOTAL NON-ASBESTOS NON-FIBROUS MATER	RIAL PRESENT:	98-99	2/5
Unspecified Particulates	85-90 3		
Perlite	10-15 %		
	3.		
Λ	-	_	
Analyst: Mchalle to	Supervise	or: <u>DQ</u>	
COMMENTS: Analysis employs Polarize	d Light Microscop	y with Dispe	rsion
and in an analysis and the northerned by an ana	ivst dualliled un	der che pri	20 00 00 00
asbestos proficiency testing program asbestiform minerals are designated	as containing ice	S chan one f	
t to be the Complete in Which as	hastitorm mineral	2 Have neer	.52
served, but exist in concentrations	of less than one	percent (<1%	s) are

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences
BULK ASBESTOS ANALYSIS REPORT

Repo	rt Numb	er: er: ed: 04/05/	709
Date Date	Examin	ed: 04/11/	/88
		Analyst:	MF
Wall plaste	er.		
ster.			
		<i>_</i> 1	%
<1	8	_ +	3
<1	93		
<1	93		
	6		
RESENT:		1-5	ુક
1 – 5			
· -			
< 1	ه ه		
		95-99	o,
			U
AL PRESENT:	2.		
85-90	و. ن ن	3 9 3 3	
AL PRESENT: 85-90 5-10	ું	2 4 2 2	
85-90	e/0 g/0 g/0 g/0	23 22	
85-90	9,3	23 22	
85-90 5-10	9,3	200-	
	Date Wall plaste ster.	Date Examin Wall plaster. 1 % 1 % 21 % 21 % 21 % 21 % 21 % 21 %	Wall plaster. ster. <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1

served, but exist in concentrations of less than one percent (<1%) are

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences BULK ASBESTOS ANALYSIS REPORT

FOR

Client: Hazard Management Services, Inc. P.O. Box 7012 Modesto, CA 95355	Client Number: 146 Report Number: 7093 Date Received: 04/05/88 Date Examined: 04/11/88
Lab Number: 8809356	Analyst: MF

Sample Number: SHA-10C

Site: Shasta.

Custodial Closet, Unit A - Wall plaster. Location:

P.O.: Chico Unified School District.

Gross Description: Off-white wall plaster.

			< 1	3
TOTAL ASBESTOS PRESENT:	<1	3/6		
Chrysotile	<1	%		
Amosite	<1	9,		
Crocidolite	< 1	9,		
TOTAL NON-ASBESTOS FIBROUS MATERIAL POR Cellulose Mineral Wool Polyethylene	RESENT: 1-5 <1 <1	ەرە دە دە دەرە	1-5	e ¹ 0
TOTAL NON-ASBESTOS NON-FIBROUS MATERI Unspecified Particulates Perlite	AL PRESENT: 85-90 5-10	ې مېن مېن	95-99	%

COMMENTS: Analysis employs Polarized Light Microscopy with Dispersion Staining, and is performed by an analyst qualified under the EPA bulk asbestos proficiency testing program. Samples with no observable asbestiform minerals are designated as containing less than one percent (<1%) asbestos. Samples in which asbestiform minerals have been observed, but exist in concentrations of less than one percent (<1%) are designated as present in "trace" amounts.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences
BULK ASBESTOS ANALYSIS REPORT

· FOR				
Client: Hazard Management Services, Inc.	Repo	ent Numbe ort Numbe	r:	146 7093
P.O. Box 7012 Modesto, CA 95355	Date Date	e Receive e Examine	d: 04/05. d: 04/11.	/88
Lab Number: 8809357 Sample Number: SHA-11A Site: Shasta.			Analyst:	ИF
Location: Storage (abandoned restroom	south) -	T-O-C acc	oustic.	
P.O.: Chico Unified School District.				
Gross Description: Off-white ceiling p	laster.			
MICROSCOPIC DESCRIPTION:				
			1-5	ę,
TOTAL ASBESTOS PRESENT:	1 – 5	26		
Chrysotile Amosite	<1	ૄ		
Crocidolite	<1	3		
		3		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PR	RESENT:		< 1	is
Cellulose	<1	%		
Mineral Wool	< 1	% 93		
Polyethylene	<1	ર યુ		
		3		
TOTAL NON-ASBESTOS NON-FIBROUS MATERI	AL PRESENT	:	95-99	95
Unspecified Particulates	95-99	V		
		9,0 9,0		
		is is		
A		Ů		
Analyst: Michelle Son	Sup	ervisor:	De	
			ith Dispe	rsion
COMMENTS: Analysis employs Polarized	Light Micr	oscopy W ed under	the EPA	bulk
Staining, and is performed by an analy	St quarrr Bannlas W	ed dhaca	bservable)
asbestiform minerals are designated as (<1%) asbestos. Samples in which asbe	stiform mi	Heretarn H	<u> </u>	

served, but exist in concentrations of less than one percent (<1%) are

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences
BULK ASBESTOS ANALYSIS REPORT

FOR				
Client: Hazard Management Services, Inc.	Re	ort Num	ber:	146 7093
P.O. Box 7012 Modesto, CA 95355			ved: 04/05 ned: 04/11	
Lab Number: 8809358 Sample Number: SHA-11B Site: Shasta.			Analyst:	MF
Location: Storage (abandoned restro	om south) -	T-0-C a	coustic.	
P.O.: Chico Unified School District	•			
Gross Description: Off-white ceiling	plaster.			
WEST OF THE PECCET PETON.				
MICROSCOPIC DESCRIPTION:				
			1-5	%
TOTAL ASBESTOS PRESENT: Chrysotile	1 – 5	ુ	1-3	3
Amosite	<1	ું. સ્કુ		
Crocidolite	<1	્ર		
		ું		
TOTAL NON-ASBESTOS FIBROUS MATERIAL	PRESENT:		< 1	35
Cellulose	< 1	9,		
Mineral Wool	< 1	%		
Polyethylene	<1	્ર		
		્રું		
TOTAL NON-ASBESTOS NON-FIBROUS MATER	RIAL PRESENT	1:	95-99	ુ
Unspecified Particulates	95-99	%		
		98		
		98		
Λ		9,		
N				
Analyst: The Cholle	<u>O</u> sug	pervisor	: <u>DD</u>	
COMMENTS: Analysis employs Polarize	d Light Mich	roscopy '	with bisper	rsion oulk
Staining, and is performed by an ana asbestos proficiency testing program	yst qualit. Samplae	icu unuc sith no	observable	دد بد بب ب
asbestios proficiency testing program asbestiform minerals are designated	. Jampies (as containi)	ng less	than one p	erden
(<1%) asbestos. Samples in which as	bestiform m	inerals	have been	ob –
served, but exist in concentrations	af lage that	0 0 0 0 0 0	roont (<19) are

served, but exist in concentrations of less than one percent (<1%) are

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences
BULK ASBESTOS ANALYSIS REPORT

FOR

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

Lab Number: 8809359
 Sample Number: SHA-11C
Site: Shasta.

Location: Storage (abandoned restroom north) - T-O-C acoustic.

P.O.: Chico Unified School District.

MICROSCOPIC DESCRIPTION:

Gross Description: Off-white ceiling plaster.

TOTAL ASBESTOS PRESENT:			1 - 5	25
Chrysotile	1-5	ક		
Amosite	<1	જ		
Crocidolite	<1	%		
CIOCIDOTITE	- -	%		
		•		
TOTAL NON-ASBESTOS FIBROUS MATERIAL	PRESENT:		Trace	o,
Cellulose	Trace	ૠ		
Mineral Wool	<1	%		
Polyethylene	<1	જુ		
Follecultens	· -	9,0		
		-		
TOTAL NON-ASBESTOS NON-FIBROUS MATE	RIAL PRESENT:		95-99	3
Unspecified Particulates	95-99	શુ		
ouspecified largicaldes		%		
		94		
		2		

COMMENTS: Analysis employs Polarized Light Microscopy with Dispersion Staining, and is performed by an analyst qualified under the EPA bulk asbestos proficiency testing program. Samples with no observable asbestiform minerals are designated as containing less than one percent (<1%) asbestos. Samples in which asbestiform minerals have been observed, but exist in concentrations of less than one percent (<1%) are designated as present in "trace" amounts.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences
BULK ASBESTOS ANALYSIS REPORT

FOR

FOR	
Client: Hazard Management Services, Inc.	Client Number: 146 Report Number: 7093
P.O. Box 7012 Modesto, CA 95355	Date Received: 04/05/88 Date Examined: 04/11/88
Lab Number: 8809360	Analyst: MF

Sample Number: SHA-12 Site: Shasta.

Location: Portable, Room 13 - 2x4 ceiling panel.

P.O.: Chico Unified School District.

Gross Description: Off-white, fibrous ceiling tile.

TOTAL ASBESTOS PRESENT:			< 1	9
Chrysotile	< 1	ઢ		
Amosite	< 1	ઢ		
Crocidolite	< 1	%		
		્ર		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			55-65	
Cellulose	15-20	8		
Mineral Wool	40-45	9,		
Polyethylene	<1	ય		
Lorycony rond		9 <u>5</u>		
TOTAL NON-ASBESTOS NON-FIBROUS MATERI.	AL PRESENT:		35-45	
Unspecified Particulates	5-10	રુ		
Perlite Particular	30-35	>		
retitoe	_ -	્યું		
		%		

Analyst: Mchelle Supervisor:

COMMENTS: Analysis employs polarized Light Microscopy with Dispersion Staining, and is performed by an analyst qualified under the EPA bulk asbestos proficiency testing program. Samples with no observable asbestiform minerals are designated as containing less than one percent (<1%) asbestos. Samples in which asbestiform minerals have been observed, but exist in concentrations of less than one percent (<1%) are designated as present in "trace" amounts.

HAZARD MANAGEMENT SERVICES, INC.

Inspection Form I-1

DT CODE COD	Inspection	FORM I-I	D	- 6
DISTRICT			Page	<u> </u>
CHOOL SHASTA	40.0	<u>.</u>	Date <u>3/</u>	30/88_
Building UNIT A		Ins	pector <u>l</u>	<u> </u>
Location RM 6 (functional	area)		HMS <i>−<u>S</u>yiA</i>	-04
Material: Surfacing Description VFT 9"	TSI Misc.	%	Asbestos_	
Amount of Material(NF	/ F) <u>960/0</u>	ft ² /lf) Ass	umed ACM:	# of Y / N samples
CONDITION: % da	maged:		Extent of	damage:
6 % <1% 1-10%	11-25% >25%	none	local	distributed
Type damage: air; de	terioration; wa	ter; physica	l; flaki	ng
DESCRIPTION:				
				,
POTENTIAL FOR DISTURBA	NCE:	PREVENTA	TIVE MEAS	URES:
Accessibility: H M Vibration: H M Air Erosion: H M Water: H M	000	1. Fix Leak 2. Prevent 3. Do not D 4. Do not a 5. Avoid co	water con CSG ffix sign	
			MEDIAL AC strict	<u>TIONS</u> repair/cleanup
		enclos	e	encapsulate
		remove		O&M
	ACBM Condition -	Assessment		-
Poor (Significant damage)	Fair	(Good no damage)
Hazard	(Damage	d)		
Rank 1		Р	otential	 Disturbance
Potential Damage High Moderate Potential Potential Significant Damage Damage	Low	High Potential Significant Damage	Moderat Potenti Damage	al
Hazard Hazard Rank 2 Rank 3	Hazard Rank 4	Hazard Rank 5	Hazard Rank 6	Hazard Rank 7

DATE: August 15, 1988

FROM: James E Sharp, President, Hazard Management Ser-

vices, Incorporated (HMS, Inc.)

TO: AHERA Clients

RE: LEA AHERA Designee

Thank you for sending your OLA AHERA forms to us. Those districts which have not yet selected an LEA AHERA Designee, please notify our office as soon as you have made your decision. Remember, this should be the person in charge of asbestos matters for the entire district. The most common selections are superintendents, assistant superintendents in charge of business, and heads of maintenance. Once again, please make this decision soon and notify our office promptly. We strongly recommend your LEA AHERA Designee attend the two-hour training program (mandatory for all maintenance and custodial personnel) which will be taking place soon.

HMS, Inc.

HAZARD MANAGEMENT SERVICES, INC. 209-577-8209

TO: AHERA Clients

FROM: James E Sharp, President

Hazard Management Services, Inc.

DATE: July 11, 1988

RE: OLA-AHERA Forms

Within the past few days you have received from the Office of Local Assistance copies of the AHERA MANAGEMENT PLAN REQUIRED FORMS. These long-awaited forms will now enable us to complete your asbestos inspection and management plan reports. It will be necessary for you to complete the first two sections of the AHERA General Data Form A for each site in your District. Then you must send these forms to HMS, Inc. immediately (no later than July 30, 1988).

You will have to make copies of this form so that you complete one for each site. For instance, if you have four separate schools, a district office, a maintenance yard, a bus garage and, perhaps, a separate Special Ed site, you would have to complete eight of the FORM A sheets.

You must complete the <u>GENERAL DATA</u> section of the sheet which includes the name of the LEA, the school name, address and phone number, its CDS code, its enrollment and the number of school employees. Hazard Management Services, Incorporated (HMS, Inc.) will complete the number of buildings at each site.

In the <u>LEA AHERA DESIGNEE</u> section you must name the person who will be in charge of your ongoing management plan. You must complete the designee's name, address and phone number. HMS, Inc. will complete the designee's training data.

HMS, Inc. will complete the remainder of the OLA Management Plan (FORMS B-H). In order to tailor the data for your district we will be in contact with you or your AHERA designee. As soon as we complete the forms, they will be returned to you for appropriate signatures so that you can send them to the Office of Local Assistance.

If you have not received these forms please call David Smith of OLA at (916) 445-5177. If you still have questions, please call HMS, Inc. at (209) 577-8209 in Modesto or (916) 723-4350 in Sacramento.

Please complete your sections of Form A and send it to HMS, Inc. immediately. Thank you.

HAS, Inc.

HAZARD MANAGEMENT SERVICES, INC. 209-577-8209

TO: AHERA Clients

FROM: James E Sharp, President

Hazard Management Services, Inc.

DATE: July 11, 1988

RE: AHERA-required School Documents

Hazard Management Services, Incorporated (HMS, Inc.) has been unable to secure certain documents from many of our clients which are needed to develop AHERA management plans. Perhaps we have been asking the wrong people because it has become evident in many schools that previous inspections and asbestos abatement projects have occurred but we have not received records which document these activities.

In order for your AHERA management plan to be correctly completed records of <u>asbestos inspections</u> and <u>asbestos abatement activities must</u> be included. Under 40 CFR Part 763 of AHERA the following documentation of asbestos-related activity prior to December 14, 1987 is required:

- 1. Date of inspection;
- 2. Location and square or linear footage of sampled material;
- 3. Laboratory analysis report;
- 4. Records of any abatement work undertaken. These abatement records should include, if applicable, the names and addresses of contractors, start and completion dates of the work, and air sampling analysis reports.

If your district has undertaken any abatement activities <u>since</u>

<u>December 14, 1987</u>, then you must have all abatement related documentation required by AHERA under Section 763.94. Your records should include the following:

- Description of action and method used;
- Location of the abatement activity;
- 3. Reasons for selecting the measure or action;
- 4. Start and completion dates of the work;
- 5. Names and addresses of all contractors;
- 6. Contractor certification and accreditation documentation;

TO: AHERA Clients DATE: July 11, 1988

RE: AHERA-required School Documents

Page Two

- 7. Name and location of waste disposal site (waste manifest);
- Name and signature of person(s) doing clearance air sampling;
- 9. Dates and locations of air samples;
- 10. Laboratory report including a statement that the laboratory meets the applicable requirements of AHERA.

All districts were required to maintain records of inspections for asbestos that were done to satisfy the Asbestos-in-Schools rule of May 27, 1982. We ask that you send us copies of these records so that we may incorporate them into the management plan as required. Send us, also, copies of your records documenting abatement activity prior to and after December 14, 1987. If you have no records, please notify us in writing.

Thank you for your cooperation. If you have any questions regarding these records or other AHERA-related matters, please feel free to call us at (209) 577-8209.

Send copies of records to P.O. Box 7012, Modesto, CA 95355-7012. Sincerely,

Shirley Cartwright Project Coordinator

jrs

HAS, Inc.

HAZARD MANAGEMENT SERVICES, INC. 209-577-8209

DATE: May 4, 1988

TO: Asbestos Hazard Emergency Response Act (AHERA) Clients

FROM: James E Sharp, President

RE: Adjusted Asbestos Inspection Schedule

This is an update on HMS, Inc.'s schedule to inspect your school facilities for asbestos in compliance with the Environmental Protection Agency's Asbestos Hazard Emergency Response Act (AHERA). As you know there have been several interpretations of the rules which have caused delays. Since both the EPA and the Office of Local Assistance regulate how the inspections are to be conducted and how the management plans are to be submitted, we have maintained constant communications with both agencies. I think they have their act together now.

Another factor which has caused delay is the add-ons we have experienced in over half of the districts we have inspected. The AHERA regulation says that <u>all</u> buildings owned, leased, or otherwise used as school buildings shall be inspected. This includes district offices, maintenance buildings, bus garages, dormitories, nightwatchmen's homes (if owned by the school), outdoor education facilities, etc. If you own buildings that are abandoned or leased out to others, you do not have to inspect them unless you use them for storage or if any maintenance or custodial personnel provide services there. Of course, if you plan to reoccupy a site, you must inspect it thirty days prior to reoccupancy. Please carefully evaluate your sites so we can accurately anticipate the time and personnel necessary to keep our schedules.

Many of you have already sent in your SP-1A's or similar drawings. We use these to evaluate the time and personnel necessary to complete a districts inspections. I'm sure you are aware that many of these drawings are old and inaccurate. Usually, there have been portables added (sometimes removed), but the add-ons must be inspected. One or two additional portables have little impact, but one district had seventeen extra portables. Of greater impact is the addition of maintenance facilities, outdoor education centers, or other sites which you may not think need to be inspected. Please evaluate all the facilities within your district's uses so that we know, in advance, how to plan our time.

Below you will find a current schedule for our AHERA inspections.