INSPECTION DOCUMENTS

LEA: CHICO UNIFIED SCHOOL DISTRICT

SCHOOL: MARIGOLD ELEMENTARY SCHOOL

DATE OF INSPECTION: MARCH 30, 1988

INSPECTOR: JAMES E SHARP, SR.

ACCREDITATION: U.C. BERKELEY, P.A.I.C. #4

*(name of inspector)

SUMMA	RY OF FRIABLE AND NON-E	RIABLE ACBM BY BU	JILDING	COS COOS
				04 61424 6003032
SO-CCL				SCHOOL PHONE MUNICIA
	MARIGOLD ELEMENTARY	SCHOOL		(916) 891-3121
ACCRESS	(Prince or)	(Street)	(Cit)	(Zo Case)
	2446 MARIGOLD AVE.		CHICO	· · · · ·

NUMBER OF BUILDINGS

R

•			<u> </u>	CHEC	X ONE	
LINE	(Indicate Address if Different From Above)		MEDA		ASSUMED ACSM	
			FRIABLE	NON- FRIABLE	FRIABLE	NON- FRIABLE
1.	UNIT 1			х		x
2	UNIT 3			х		х
1.	UNIT 4			x		х
4	UNIT 5			x		
1	PORTABLE 5	X				
4.	PORTABLE 15	l x				
7.	PORTABLE 16	l x				
4.	PORTABLE (NEW)	х				1
•	PORTABLE (New)	x		1		
10.						
11.						
12.						
12.						
14.				1		
15.						
16.					,	
17,						
16.						
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A			<u> </u>	1		

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

Client: Hazard Management Services, P.O. Box 7012	inc.	Client Number: Report Number: Date Received: Date Examined:	7276 04/09/88
Modesto, CA 95355 Lab Number: 8810555 Sample Number: MAR-01	Digtr		alyst: MF

Site: Marigold - Chico Unified School District.

Location: Unit #3 - Room #17, 2x4 ceiling panel.

P.O.: Marigold - Chico Unified School District

Gross Description: Off-white fibrous ceiling tile.

MICROSCOPIC DESCRIPTION:				
			< 1	રુ
TOTAL ASBESTOS PRESENT:	<1	%		
Chrysotile	<1	ક		
Amosite	<1	%		
Crocidolite		%		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PR Cellulose Mineral Wool Polyethylene	ESENT: 15-20 65-70 <1	وره وره وره	35-90	ે હ
TOTAL NON-ASBESTOS NON-FIBROUS MATERIA Unspecified Particulates	AL PRESENT: 10-15	مره مره مره	10-15	90
		ъ		

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.

Supervisor: De

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: 7276 Date Received: 04/09/88 Date Examined: 04/15/88
Lab Number: 8810556 Sample Number: MAR-02 Site: Marigold - Chico Unified School Dis Location: Unit #3 - Room #17, 9" white/br	Analyst: Mr
P.O.: Marigold - Chico Unified School Dis Gross Description: Off-white floor tile.	
MICROSCOPIC DESCRIPTION:	
Chrysotile	1-5 % 1-5 % <1 % <1 %
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESE Cellulose Mineral Wool Polyethylene	ENT: <1 % <1 % <1 % <1 % <1 % <1 %
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL I Unspecified Particulates	PRESENT: 95-99 % 95-99 % % % %
Analyst: Michelli OX	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, P.O. Box 7012	Inc.	Repo	nt Number: rt Number: Received: Examined:	04/09/	146 7276 88 88
Modesto, CA 95355 Lab Number: 8810557 Sample Number: MAR-03	ad School	District.	An	alyst:	MF

Site: Marigold - Chico Unified School District.

Location: Unit #3 - Room #17/Attic, mudded joint.

P.O.: Marigold - Chico Unified School District

Gross Description: Off-white semi-fibrous powder.

			<1	%
OTAL ASBESTOS PRESENT:	<1	%		
Chrysotile	<1	8		
Amosite	<1	ય		
Crocidolite		%		
TAT	DDESENT:		60-65	0,0
TOTAL NON-ASBESTOS FIBROUS MATERIAL	5-10	8		
Cellulose	45-55	8		
Mineral Wool	<1	ઢ		
Polyethylene	_	%		
	TAT DDESENT	•	35-40	ş
TOTAL NON-ASBESTOS NON-FIBROUS MATER	35-40	· %		
Unspecified Particulates	22-40	8		
• • • • • • • • • • • • • • • • • • • •		%		
		8		

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 Depot Road, Suite 408, Hayward, CA 94545 • (415) 887-8828

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: 7276 Date Received: 04/09/88
P.O. Box 7012	Date Examined: 04/15/88
Modesto, CA 95355	Analyst: MF

8810558 Lab Number:

Sample Number: MAR-04

Site: Marigold - Chico Unified School District.

Location: Unit #5 - Outside Boiler Area, mudded joint.

P.O.: Marigold - Chico Unified School District

Gross Description: Off-white semi-fibrous powder.

			< 1	o;o
TOTAL ASBESTOS PRESENT:	<1	%		
Chrysotile	<1	ુ		
Amosite	<1	%		
Crocidolite	~ 1	%		
	DDECENT.		60-65	%
TOTAL NON-ASBESTOS FIBROUS MATERIAL	5-10	%		
Cellulose	45-55	યુ		
Mineral Wool	<1	%		
Polyethylene	<1	%		
			35-40	ર
TOTAL NON-ASBESTOS NON-FIBROUS MATE	RIAL PRESENT	; %		
Unspecified Particulates	35-40	3		
Unspecifica fare-				
		940 940		

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				1 A C
Client: Hazard Management Services, Inc. P.O. Box 7012	Report Date Re	Number: Number: eceived: xamined:	7 04/09/8	0
Modesto, CA 95355			alyst: M	•
Lab Number: 8810559 Sample Number: MAR-05 Site: Marigold - Chico Unified School Dist Location: Unit #5 - Kitchen/Gasket on Blow P.O.: Marigold - Chico Unified School Dist Gross Description: Off-white fibrous wrap.	er oven.			
MICROSCOPIC DESCRIPTION:				
			< 1	%
TOTAL ASBESTOS PRESENT:	<1	%		
	<1	%		
	<1	%		
Crocidolite		%		
C1001401				0.
- Wander December	NT:		80-85	%
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESE	80-85	96		
Cellulose	<1	%		
Mineral Wool	<1	9,6		
Polyethylene		%		
1011000				્યુ
TOTAL MATERIAL	RESENT:		15-20	ъ
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL	15-20	%		
TOTAL NON-ASSESTED DATE OF TOTAL NON-ASSESTED DA		%		
		%		
		જ		
M. Line Fox		rvisor:		
Analyst: 1 (C)		econy wi	th Dispe	ersion
COMMENTS: Analysis employs Polarized Lie Staining, and is performed by an analyst asbestos proficiency testing program. Staining minerals are designated as constant (<1%) asbestos. Samples in which asbest served, but exist in concentrations of 1 designated as present in "trace" amounts and as present in "trace" amounts.	amples wintaining iform mires than	g less thereals have one per	nan one ave been cent (<1	percent ob-

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

701				
lient: Hazard Management Services, Inc.	Repo	nt Number rt Number Received Examined	. 7 . 04/09/8	
P.O. Box 7012 Modesto, CA 95355	Date		nalyst: N	
Lab Number: 8810560 Sample Number: MAR-06 Site: Marigold - Chico Unified School Location: Unit #5 - Kitchen/Cold Box insulation. P.O.: Marigold - Chico Unified School Gross Description: Black tar-like man	c Ceiling, C	eiling mat	erial h white	
MICROSCOPIC DESCRIPTION:				- - -
			30-35	
TOTAL ASBESTOS PRESENT:	30-35		30-35	 -
TOTAL ASBESTOS PRESENT: Chrysotile Amosite		26	30-35	- -
TOTAL ASBESTOS PRESENT: Chrysotile	30-35 <1	્ર _ે જ	30-35	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	30-35 <1 <1	olo olo	30-35	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL	30-35 <1 <1	oro oro oro		
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL Cellulose	30-35 <1 <1 PRESENT: 1-5 <1	وره وره وره وره		-
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL Cellulose Mineral Wool	30-35 <1 <1 PRESENT: 1-5	o,00 o,00 o,00 o,00 o,00 o,00 o,00 o,00		
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL Cellulose Mineral Wool Polyethylene	30-35 <1 <1 PRESENT: 1-5 <1 <1	وره وره وره وره وره وره وره	1 - 5	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL Cellulose Mineral Wool Polyethylene	30-35 <1 <1 PRESENT: 1-5 <1 <1	وره وره وره وره وره وره وره		
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL Cellulose Mineral Wool Polyethylene	30-35 <1 <1 PRESENT: 1-5 <1 <1	0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0	1 - 5	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL Cellulose Mineral Wool Polyethylene	30-35 <1 <1 PRESENT: 1-5 <1 <1	os o	1 - 5	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL Cellulose Mineral Wool Polyethylene	30-35 <1 <1 PRESENT: 1-5 <1 <1	0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0	1 - 5	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL Cellulose Mineral Wool Polyethylene	30-35 <1 <1 PRESENT: 1-5 <1 <1	ე;; ერი	1 - 5	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL Cellulose Mineral Wool Polyethylene	30-35 <1 <1 PRESENT: 1-5 <1 <1 CRIAL PRESENT 60-65	ე;; ერი	1-5	

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

2 4	
Client: Hazard Management Services, Inc.	Client Number: 146 Report Number: 7276 Date Received: 04/09/88
P.O. Box 7012 Modesto, CA 95355	Date Examined: 04/15/88 Date Examined: MF
Lab Number: 8810561 Sample Number: MAR-07 Site: Marigold - Chico Unified School Dist	

Location: Unit #5 - Multi-Purpose Room/Wall and Ceiling Tiles,

12" acoustic tile.

P.O.: Marigold - Chico Unified School District

Gross Description: Off-white fibrous ceiling tile.

MICROSCOPIC DESCRIPTION:				
			< 1	%
TOTAL ASBESTOS PRESENT:	<1	જ		
Chrysotile	<1	%		
Amosite	<1	96		
Crocidolite		%		
THE MATTERIAL PR	ESENT:		90-95	940
TOTAL NON-ASBESTOS FIBROUS MATERIAL PR	90-95	%		
Cellulose	< 1	%		
Mineral Wool	<1	ય		
Polyethylene		જ		
THE POUR NAMED TA	T. PRESENT	:	5-10	%
TOTAL NON-ASBESTOS NON-FIBROUS MATERIA	5-10	%		
Unspecified Particulates	<u>-</u> –	%		
		%		
		ય		
MI M. Litax	Sur	nervisor	·. <u>2</u>	

Analyst: 1/1 hell 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: Date Received:		04/09/	00
P.O. Box 7012 Modesto, CA 95355	Date E	xamined:	: 04/15/ nalyst:	
Lab Number: 8810562 Sample Number: MAR-08 Site: Marigold - Chico Unified School Distr Location: Unit #1 - Class Room/Room #12, 9" light-brown. P.O.: Marigold - Chico Unified School Distr Gross Description: Beige floor tile associated adhesive (asbestos in both	' vinyl rict ted wit	floor t	ile,	
	 -5 1	وره وره وره وره وره وره وره وره	 1-5	· %
Cellulose <	T: -5 1	go go go go	1-5	36
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PR Unspecified Particulates		o, o o, o o, o	90-95	%
Analyst: Tolling amploys Polarized Ligh		rvisor:	ith Disp	ersion

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				
lient: Hazard Management Services, Inc. P.O. Box 7012	Report Date Re	celved: zamined:	7 04/09/8 04/15/8	•
P.O. Box 7012 Modesto, CA 95355			alyst: N	
Lab Number: 8810563 Sample Number: MAR-09 Site: Marigold - Chico Unified School Location: Unit #1 - Room #12 Class Ro ceiling. P.O.: Marigold - Chico Unified School Gross Description: Off-white fibrous C	om, acoustic	tile - 1	12"	
MICROSCOPIC DESCRIPTION: TOTAL ASBESTOS PRESENT: Chrysotile	<1 <1		<1	 %
Amosite Crocidolite	<1	6 93		
TOTAL NON-ASBESTOS FIBROUS MATERIAL F Cellulose Mineral Wool Polyethylene	<1 <1	مره مره مره	90-95 5-10	913
TOTAL NON-ASBESTOS NON-FIBROUS MATER Unspecified Particulates	JAL PRESENT: 5-10	9,0 9,6 9,0 9,6		
Analyst: COMMENTS: Analysis employs Polarized Staining, and is performed by an analysis employs program aspestos proficiency testing program aspectos proficiency proficiency testing proficiency testing proficiency testing proficiency proficie	d Light Micro lyst qualifie	rvisor: scopy wi d under th no o	th Dispe	ersic bull
Staining, and is performed by asbestos proficiency testing program asbestiform minerals are designated (<1%) asbestos. Samples in which as served, but exist in concentrations designated as present in "trace" amount of the served of the serv	as containing bestiform min of less than	1-22	ave been cent (<1	ob-

3777 Depot Road, Suite 408, Hayward, CA 94545 • (415) 887-8828

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 Serv	rices, Inc.	Client Number: Report Number: Date Received: (146 7276 34/09/88
P.O. Box 7012		Date Examined:	04/15/88
Modesto, CA 95355			

Analyst: MF 8810564 Lab Number:

Sample Number: MAR-10

Site: Marigold - Chico Unified School District.

Location: Unit #1 - Boiler Room - Main, pw straight.

P.O.: Marigold - Chico Unified School District

Gross Description: White semi-fibrous powder.

			60-65	9
TOTAL ASBESTOS PRESENT:	35-40	%		
	20-25	%		
Amosite <	<1	%		
Crocidolite	_	%		
			1 - 5	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESEN	NT: 1-5	%		
		%		
Mool	<1	%		
Polyethylene	<1	%		
FOTA Com1		•		
TARRESTAL P	RESENT:		30-35	
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL P	30-35	%		
Unspecified Particulates	34	%		
		જ		
		%		
\sim				

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.	Repor	t Number: t Number: Received:	7: 04/09/8	9
P.O. Box 7012 Modesto, CA 95355	Date	Examined:	04/12/0	
Lab Number: 8810565 Sample Number: MAR-11 Site: Marigold - Chico Unified School Distr	ict.		uz;=	
Location: Unit #1 - Boiler Room - Main, mud	ided J	oint.		
P.O.: Marigold - Chico Unified School Dist	rict			
Gross Description: Grey semi-fibrous powder	•			
MICROSCOPIC DESCRIPTION:				
			<1	%
	1 1	o, o,		
Amosite <:	-	0,000		
Cellulose 6	T: -5 0-65	وره وره وره	65-70	9,

Analyst: Michell Supervisor:

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

COMMENTS: Analysis employs folarized 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 served, but exist in concentrations of less than one percent (<1%) are designated as present in "trace" amounts.

30-35

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

Client: Hazard Management Services, Inc.	Repor	t Number: t Number: Received:	7 04 /09/8	0
P.O. Box 7012 Modesto, CA 95355	Date	Examined:	04/15/8 alyst: M	
Lab Number: 8810566 Sample Number: MAR-12 Site: Marigold - Chico Unified School Dis	trict.	1111	alyso.	-
Location: Unit #1 - Room #10/Class Room,	window 1	outty.		
P.O.: Marigold - Chico Unified School Dis				
Gross Description: Off-white window putty	•			
MICROSCOPIC DESCRIPTION:			Trace	. –
TO BELLEVIE				%
TOTAL ASBESTOS PRESENT:	Trace	⁸	11400	%
Chrysotile	Trace <1	%	11400	8
Chrysotile Amosite		ુ. ૧	11400	Ç.
Chrysotile	<1	%	11400	c)co
Chrysotile Amosite Crocidolite	<1 <1	0 0 0 0 0	Trace	0,0
Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL PRES	<1 <1 ENT: Trace	o, o o, o o, o		-
Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESS Cellulose Mineral Wool	<1 <1 ENT: Trace <1	0 0 0 0 0		-
Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESS Cellulose	<1 <1 ENT: Trace	0,0 0,0 0,0 0,0 0,0		-
Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESS Cellulose Mineral Wool Polyethylene	<1 <1 ENT: Trace <1 <1	وري ورو مرو مرو		-
Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESS Cellulose Mineral Wool	<1 <1 ENT: Trace <1 <1	وري ورو مرو مرو	Trace	9,
Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESS Cellulose Mineral Wool	<1 <1 ENT: Trace <1	وره و مهم مهم وره وره	Trace	9,

Analyst: 1/1/hold to 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 served, 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 DISTRICT Page of Date 3/30/8R SCHOOL MARIGOLD Building UNIT / Inspector JES Location BOILER RM (functional area) HMS-MAR- 10 Surfacing (TSI) % Asbestos 69-65 Material: Surfacing (Description P.W ST. LGR Misc. # of Amount of Material(NF / F)_/50/ (ft²/1f) Assumed ACM: Y / N samples CONDITION: % damaged: Extent of damage: 0% <1% 1-10% 11-25% >25% none_ local distributed Type damage: air; deterioration; water; physical; flaking No damage DESCRIPTION: POTENTIAL FOR DISTURBANCE: PREVENTATIVE MEASURES: Accessibility: (H Fix Leaks Vibration : Prevent water contact Air Erosion : Η Do not DCSG Do not affix signs/deco's Water Avoid contact COMMENTS: REMEDIAL ACTIONS Not much chance isolate/restrict repair/cleanup for confact - low enclose encapsulate occupancy. remove ACBM Condition - Assessment Poor Good (Significant damage) (little or no damage) Fair Hazard (Damaged) Rank 1 Potential Disturbance Potential Damage <u>Moderate</u> Low High <u>High</u> Moderate Potential Potential Low Potential Potential Significant Damage

Damage

Hazard

Rank 5

Hazard

Rank 6

Hazard

Rank 7

Hazard

Rank 4

Fignificant Damage

Hazard

Rank 3

Damage

Hazard

Rank 2

HAZARD MANAGEMENT SERVICES, INC.

Inspection Form I-1 DISTRICT Page of Date 3/30/88 SCHOOL MARIGOLD Building (AN)T Inspector JES Location /2 /2 (functional area) % Asbestos 1-5 Material: Surfacing, TSI Misc. Description 1/FT 9" LIGHT BRN # of Amount of Material(NF / F) 5,728/0 (ft²/lf) Assumed ACM: Y / N samples CONDITION: Extent of damage: % damaged: **10%** <1% 1-10% 11-25% >25% none local distributed Type damage: air; deterioration; water; physical; flaking DESCRIPTION: POTENTIAL FOR DISTURBANCE: PREVENTATIVE MEASURES: Accessibility: (H) 1. Fix Leaks Vibration : H Prevent water contact Air Erosion : H M (3.) Do not DCSG Vater Do not affix signs/deco's Avoid contact COMMENTS: REMEDIAL ACTIONS isolate/restrict repair/cleanup enclose encapsulate remove ACBM Condition - Assessment Poor Good (Significant damage) (little or no damage) Fair Hazard (Damaged) Rank 1 Potential Disturbance Potential Damage Moderate Low Potential High Moderate Potential Low <u>Moderate</u> Potential Potential Significant Damage Significant Damage Damage Damage Hazard Hazard Hazard Hazard Hazard Hazard Rank 2 Rank 3 Rank 4 Rank 5 Rank 6 Rank 7

HAZARD MANAGEMENT SERVICES, INC.

Inspection Form I-1 Page of DISTRICT BCHOOL MARIGOLD Date 3 Building UNIT 5 Inspector JES Location / ITCHEN (functional area) HMS-MAR- 06 * Asbestos 30-35 Surfacing TSI Misc. Description COLD BOX CETTING INSULATION (ft^2) lf) Assumed ACM: Y / N samples Amount of Material (NF / F) 20/CONDITION: Extent of damage: % damaged: *(*0%) <1% 1-10% 11-25% >25% local distributed (none Type damage: air; deterioration; water; physical; flaking DESCRIPTION: POTENTIAL FOR DISTURBANCE: PREVENTATIVE MEASURES: 1. Fix Leaks Accessibility: H Vibration : Prevent water contact H M 2. Air Erosion : H Do not DCSG Water Do not affix signs/deco's Avoid contact COMMENTS: REMEDIAL ACTIONS isolate/restrict repair/cleanup enclose encapsulate M&Q remove ACBM Condition - Assessment Poor Good (Significant damage) (little or no damage) Fair Hazard (Damaged) Rank 1 Potential Disturbance Potential Damage Moderate High Low High Moderate Potential Potential Low Potential Potential Significant Damage Fignificant Damage Damage Damage Hazard Hazard Hazard Hazard Hazard Hazard Rank 2 Rank 3 Rank 4 Rank 5 Rank 6 Rank 7

HAZARD MANAGEMENT SERVICES, INC.

Date 3/30/88
Inspector $\mathcal{J}\mathcal{E}\mathcal{S}$
HMS- <u>MAR - 09</u>
(ft ²)lf) Assumed ACM: Y / N sample
Extent of damage:
none local distributed
ater; physical; flaking
PREVENTATIVE MEASURES:
 Fix Leaks Prevent water contact Do not DCSG Do not affix signs/deco's Avoid contact
REMEDIAL ACTIONS isolate/restrict repair/cleanup
enclose encapsulate
remove O&M
- Assessment
Good (little or no damage)
ed)
Potential Disturbance
High Moderate Low Potential Potential Significant Damage Damage Hazard Hazard Rank 5 Rank 6 Rank 7

AMS, 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 all 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.

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.

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: 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</u> <u>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:

- 1. 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;
- 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);

- 8. 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, Mcdesto, CA 95355-7012. Sincerely,

Shirley Cartwright Project Coordinator

jrs

HAZARD MANAGEMENT SERVICES, INC. 209-577-8209

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.