INSPECTION DOCUMENTS

LEA: CHICO UNIFIED SCHOOL DISTRICT

SCHOOL: CHICO HIGH SCHOOL

DATE OF INSPECTION: MARCH 28, 1988

INSPECTOR: JAMES E SHARP, SR.

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

*(name of inspector)

SUMMARY OF FRIABLE AND NON-FRIABLE ACEM BY BUILDING

04 61424 0431676

SC-CCL CHICO SENIOR HIGH SCHOOL SENIOR HIGH SCHOOL () 916 891-3026

ACCRESS (Marcon) (Street) (City) (To Comp.)
901 ESPLANADE CHICO 95926

NUMBER OF BUILDINGS - 13

Ī				CHEC	X ONE		
UNE	BUILDING NAME				ASSUME	SSUMED ACSM	
	(Indicate Address if Different From Above)	NONE	FRIABLE	NON- FRIABLE	FRIABLE	NON- FRIABLE	
τ.	200			Х		х	
2.	100			х		Х	
2.	300			X		Х	
4	400			Х			
٤	500			х		х	
6.	S		х	х		х	
7.	700		Х	х	Х	х	
L	1000			Х			
١.	1100		х	Х			
10_	900		х	Х			
17.	800			х		х	
12	GREENHOUSE	Х					
12.	STORAGE	Х	-			-	
14.							
15.							
14.							
17,							
18,							
19,							
78							

HOMOGENEOUS MATERIAL RECORDS

BCHOOL CLICO High School DIBTRICT Chico UNISIED

ADDRESS

BLDG.	MAT. CLASS.	HATERIAL	HOMOG.	SAMPLE NUMBER	LOCATION	* Asbestos	FOOTAGE FT or LF	FRIABLE YES NO	NO
700			10	10	Reception Area	~	5,735 4		×
7007	14,36	36:36 12:1 7FT	20	20	Reception Area	Trace	5,755 0		
0 97	M. ise	Aer	6	20	A-106	<u>-</u>	3,550 0		×
200	سنعورسم	Boschwed	000	70	1st floor office Area	<u>-</u>	\$ 59×		x
002	\$vv\$	Doyuse	50	05H-6	1st floor	\[\frac{1}{\sigma} = \left	00er 10,000 4		× ×
760	उद्दर्भ	FCP	90	96	classroom Areas	-	710,060th		l N
007	TSE	MVd JWT	20	67	Dark Run Attic	2-10	COTUTS		X
002	misc	down ysaw	280	89	Dorla Run Atic	02-51	Y2 14		×

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR Client: 146 Client Number: Hazard Management Services, Inc. 7031 Report Number: Date Received: 04/04/88 P.O. Box 7012 Date Examined: 04/10/88 Modesto, CA 95355 Analyst: MF Lab Number: 8808931 Sample Number: CHS-01 Site: Chico High School Location: Administration Reception Area, Building A-1 ((P.O.: Chico USD Gross Description: Off-white, fibrous ceiling tile.

MICROSCOPIC DESCRIPTION: < 1 TOTAL ASBESTOS PRESENT: < 1 Chrysotile < 1 Amosite < 1 Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: 90-95 15-20 Callulose 70-75 Mineral Wool <1 Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: 5-10 3 Unspecified Particulates

Analyst: Michelle Supervisor: De

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

Client: Hazard Management Services, Inc.	Repor	t Numbe	er: er: ed: 04/04/	7031 88
P.O. Box 7012 Modesto, CA 95355	Date	Examine	ed: 04/10/ 	88 -+
Lab Number: 8808932 Sample Number: CHS-02 Site: Chico High School.			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	MF
Location: Administration Reception Ar beige 12" vinyl floor tile. P.O.: Chico USD	ea, Buildin	g A-1 (Main) -	
Gross Description: Beige floor tile.				
MICROSCOPIC DESCRIPTION:				
TOTAL ASBESTOS PRESENT:			Trace	%
Chrysotile	Trace	910		
Amosite	<1 <1	6		
Crocidolite	<7	%		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PR	RESENT:		Trace	%
Cellulose	Trace	%		
Mineral Wool	<1	oro oro		
Polyethylene	<1	(3 0/3		
TOTAL NON-ASBESTOS NON-FIBROUS MATERI	AL PRESENT:		98-99	%
Unspecified Particulates	98-99	%		
		910 610		
		ió Pa		
Λ		v		
Analyst: Michelle Fox	Supe	rvisor:		
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 asbe	Light Micro vst qualifie Samples wi containing	scopy we do under the no control to the second the seco	with Dispert the EPA observable than one property been	ercen [.]

designated as present in "trace" amounts. 3777 Depot Road, Suite 408, Hayward, CA 94545 • (415) 887-8828

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

Report :	Number:	146 7031 /88
Date Re Date Ex	amined: 04/10	/88
	•	MF
ng tile 12" -	acoustic.	
ceiling tile.		
-1 %	<1	9%
<1 %		
<1 %		
RESENT:	= "	જ
30-33		
- -		
-		
2-10		%
ş	5	
f Superv		
	Report Date Report Date Report Date Report Date Report Date Extended Date Date Date Date Date Date Date Date	<pre></pre>

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

LON				
Client:	Clie	nt Number	:	146
Hazard Management Services, Inc.	Repo	nt Number rt Number	:	7031
P.O. Box 7012	Date	Received	.: 04/04/	88
	Date	Examined	: 04/10/	88
Modesto, CA 95355				
Lab Number: 8808934		Α	nalyst:	MF
Sample Number: CHS-04				
Site: Chico High School.				
Location: Administration Office Area -	pasepoaru	and grae	• •	
_				
P.O.: Chico USD				
a control tile				
Gross Description: Gray vinyl tile.				
MICROSCOPIC DESCRIPTION:				
MICROSCOPIC DESCRIPTION:				
			•	ય
TOTAL ASBESTOS PRESENT:			<1	5
Chrysotile	<1	%		
Amosite	< 1	%		
Crocidolite	<1	98		
• • • •		%		
			Trace	%
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRE	SENT:	o	Trace	
Cellulose	Trace			
Mineral Wool	<1	8		
Polyethylene	<1	%		
		ું		
			98-99	%
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL	PRESENT:	Q.	20 22	v
Unspecified Particulates	98-99	o).6		
		ક જુ		
		ું		
\wedge		o		
NI +			* -	
	Sune	rvisor:		
Analyst: 1/Chelle 102				
COMMENTS: Analysis employs Polarized Li	iaht Miara	scopy Wil	th Dispe	rsion
	r guallile	d muder	CITE DITI	bulk
				ercen
asbestiform minerals are designated as (<1%) asbestos. Samples in which asbest	tiform mir	erals ha	ve been	ob-
(<1%) asbestos. Samples in which asbes	lace than	one perc	ent (<1%) are

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served, 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	Number:		7031
P.O. Box 7012 Modesto, CA 95355		Date E	eceived: Examined:	: 04/10/	788
Lab Number: 8808935 Sample Number: CHS-05A Site: Chico High School.			Aı	nalyst:	MF
Location: Administration Office A-102 - 6	dryw	all.			
P.O.: Chico USD					
Gross Description: White drywall.					
Chrysotile	<1 <1 <1		000000000000000000000000000000000000000	<1	 %
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESE Cellulose Mineral Wool Polyethylene	ENT: 5-1 <1 <1	Ø	وره وره وري	5-10	ę.
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL I Unspecified Particulates	PRES 90-	ENT: -95	ين ويه وي وي	90-95	9,0
Analyst: Michelle Fox		Super	visor:	<u>e</u>	

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

Client: Hazard Management Services, Inc.	VEDOTE NAME -	03:
P.O. Box 7012 Modesto, CA 95355	Date Received: 04/04/8	8 8
Lab Number: 8808936 Sample Number: CHS-06 Site: Chico High School.	Analyst. i	F
Location: Main Building, Classroom	A130 - 2 x 4 ceiling panel.	
P.O.: Chico USD		
Gross Description: Off-white, fibro	ous ceiling tile.	
MICROSCOPIC DESCRIPTION:		
	<1	o/o
TOTAL ASBESTOS PRESENT: Chrysotile	<1 <1 %	- + o\0
TOTAL ASBESTOS PRESENT: Chrysotile Amosite	<1 % <1 %	0/0
TOTAL ASBESTOS PRESENT: Chrysotile	<1 <1 % <1 %	1 0,0
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	<1 <1 % <1 % <1 % <1 % <1 % <1 % <1 90-95	- 0/0
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose	<1 <1 <1 <1 <1 <3 <1 <1 <3 <1 <3 <1 <3 <1 <3 <1 <3 <1 <3 <1 <1 <3 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool	<pre> <1 <1 % <</pre>	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose	<1 <1 <1 <1 <1 <3 <1 <1 <3 <1 <3 <1 <3 <1 <3 <1 <3 <1 <3 <1 <1 <3 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool Polyethylene	<pre></pre>	0,0
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS MAT	<pre></pre>	o, 'o
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool Polyethylene	<pre></pre>	o,o
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS MAT	<pre></pre>	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS MAT	<pre></pre>	o,o

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR				
Client: Hazard Management Services, Inc.	Repoi	nt Number: rt Number: Received:		14 703 88
P.O. Box 7012 Modesto, CA 95355	Date	Examined:	: 04/10/ 	88
Lab Number: 8808937 Sample Number: CHS-05B Site: Chico High School.			nalyst:	MF
Location: Main Building, A-124, Office	Restroom	Area - dr	ywall.	
P.O.: Chico USD				
Gross Description: White drywall.				
WIGDOSCOPIC DESCRIPTION:	<1 <1 <1 <1	90 90 90 90 90 90	<1	~ - ~
MICROSCOPIC DESCRIPTION: TOTAL ASBESTOS PRESENT: Chrysotile Amosite	<1 <1 <1	90 90 90	<1 20-25	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

D Number: 8808938 mple Number: CHS-05C te: Chico High School. Cation: Main Building, Room 114 - drywal O.: Chico USD OSS Description: White drywall. CROSCOPIC DESCRIPTION: OTAL ASBESTOS PRESENT: Chrysotile	Date	Examin	red: 04/04/ ned: 04/10/ Analyst:	/88 - -
nple Number: 8808938 mple Number: CHS-05C te: Chico High School. cation: Main Building, Room 114 - drywal O.: Chico USD oss Description: White drywall. CROSCOPIC DESCRIPTION: CTAL ASBESTOS PRESENT: Chrysotile	.1.		Analyst:	MF
O.: Chico USD oss Description: White drywall. CROSCOPIC DESCRIPTION: TAL ASBESTOS PRESENT: Chrysotile	.1.			
CROSCOPIC DESCRIPTION: CTAL ASBESTOS PRESENT: Chrysotile				
CROSCOPIC DESCRIPTION: TAL ASBESTOS PRESENT: Chrysotile				
TAL ASBESTOS PRESENT: Chrysotile				
TAL ASBESTOS PRESENT: Chrysotile				
TAL ASBESTOS PRESENT: Chrysotile				
Chrysotile <				
CHIAPOCITE	4	%	< 1	9/0
	1	% %		
Amosice	1	્		
Crocidolite	•	%		
TAL NON-ASBESTOS FIBROUS MATERIAL PRESEN	Т:		20-25	્
Cellulose 1	5-20	%		
Millerar woor	- 5	0,0		
Polyethylene <	1	ું જ		
OTAL NON-ASBESTOS NON-FIBROUS MATERIAL PR	ESENT:		75-80	9
Unspecified Particulates 7	5-80	š		
•		90		
		%		
		v		
The hall of the	Supe	rvisor:		
nalyst: ///				
MMENTS: Analysis employs Polarized Light	: Micro	всору и	vith Disper	rsi
	1911116	cu unver		~ ~ -
, e) 1 2 5 W L	LH HO	J D J C L V C D L C	
bestos proficiency testing program. Same bestiform minerals are designated as con- 1%) asbestos. Samples in which asbestife	1.41 1 11 1 11 1	TEDD .	CHOM ONE P	
1%) asbestos. Samples in which asbesting rved, but exist in concentrations of less	. هندست ۱۹۶۵ ۱۹۶۵ مهدست		rcent (<1%	١ -

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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. P.O. Box 7012		Repor	t Numbe Receive	er: er: ed: 04/0	7031 4/88
Modesto, CA 95355		Date	Examin	ed: 04/1	.0/88
Lab Number: 8808939 Sample Number: CHS-05D Site: Chico High School.				Analyst	: MF
Location: Secretary's Office, A-113 - d	lrywai	11.			
P.O.: Chico USD					
Gross Description: White drywall.					
MICROSCOPIC DESCRIPTION:			<u></u>		
				<1	%
TOTAL ASBESTOS PRESENT: Chrysotile	<1		%		
Amosite	< 1		a ်		
Crocidolite	< 1		010 010		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRE	SENT:			20-25	%
Cellulose	15-	-20	é		
Mineral Wool	1-5	5	o(0 o)0		
Polyethylene	< 1		% %		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL	PRES	SENT:		75-80) %
Unspecified Particulates	75	-80	%		
			ه ه.		
			٠ %		
Analyst: Mhelle Jax		Supe	rvisor:	<u>D</u>	
COMMENTS: Analysis employs Polarized Li	aht	: Micros	scopy W	ith Disp	persio
COMMENDS: MIGINATE CHELLER INTERPRET			a under	the EP	A bulk
					•
Staining, and is performed by an analyst asbestos proficiency testing program. Sasbestiform minerals are designated as	t qua Samol	es wi	th no o	bservab:	

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(<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. P.O. Box 7012	Client Number: 146 Report Number: 7031 Date Received: 04/04/88 Date Examined: 04/10/88	-
Modesto, CA 95355	Date Examined: 04/10/00	_

Analyst: MF

Lab Number: 8808940 Sample Number: CHS-07 Site: Chico High School.

Location: Main Building, 1st Floor, Darkroom Attic - non-friable

pw corner - mudded.

P.O.: Chico USD

Gross Description: Gray, semi-fibrous powder.

MICROSCOPIC DESCRIPTION:				
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	1-5 <1 1-5	0,0 0,0 0,0 5,0	5-10	9,0
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRE Cellulose Mineral Wool Polyethylene	SENT: 1-5 50-55 <1	ans and and and	50-60	9/3
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL Unspecified Particulates	PRESENT: 35-40	oro oro oro	35-40	PS.

Analyst: Mcholle Supervisor: Supervisor:

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: 7031

P.O. Box 7012

Date Received: 04/04/88

Modesto, CA 95355

Date Examined: 04/10/88

Lab Number: 8808941

Analyst: MF

Sample Number: CHS-08

Site: Chico High School

Location: Main Building, 1st Floor, Darkroom Attic - meshwrap.

P.O.: Chico USD

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

MICROSCOPIC DESCRIPTION:

15-20 % TOTAL ASBESTOS PRESENT: 15-20 Chrysotile < 1 Amosite Crocidolite

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: 15-20 ş 15-20 Cellulose

< 1 Mineral Wool < 1 Polyethylene

60-70 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates 60-70

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: 7031 Date Received: 04/04/88 P.O. Box 7012 Date Examined: 04/10/88 Modesto, CA 95355 Analyst: MF Lab Number: 8808942 Sample Number: CHS-09 Site: Chico High School Location: Main Building, 2nd Floor Hallways, Exterior Wall plaster wall. P.O.: Chico USD Gross Description: Off-white, floor plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	Trace <1 <1	5.0 9.0 9.0 9.0	Trace	93
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRE Cellulose Mineral Wool Polyethylene	SENT: 1-5 <1 <1	دره مره مره	1-5	ુ. જ
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL Unspecified Particulates	PRESENT: 95-99	0/0 e/0 0/0 0/0	95-99	જ

Analyst:

Supervisor:

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: 8808943

Client Number: 146
Report Number: 7031
Date Received: 04/04/88
Date Examined: 04/10/88

Analyst: MF

Sample Number: CHS-10 Site: Chico High School

Location: Main Building, A208, 2nd Floor - ventilation (illegible), duct work.

P.O.: Chico USD

Gross Description: Black, fibrous insulation.

MICROSCOPIC DESCRIPTION: <1 TOTAL ASBESTOS PRESENT: <1 Chrysotile < 1 Amosite < 1 Crocidolite 95-99 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: Trace Cellulose 95-99 Mineral Wool <1 Polyethylene 1~5 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: Unspecified Particulates

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: 7031
Date Received: 04/04/88
Date Examined: 04/10/88

Analyst: MF

Lab Number: 8808944
Sample Number: CHS-11
Site: Chico High School

Location: Main Building, 2nd Floor, Room A-212 - 2 x 4 panel

ceiling. P.O.: Chico USD

Gross Description: Beige, fibrous ceiling tile.

MICROSCOPIC DESCRIPTION: < 1 TOTAL ASBESTOS PRESENT: < 1 Chrysotile <1 Amosite < 1 Crocidolite 90-95 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: 10-15 Cellulose 75-80 Mineral Wool <1 Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: 5-10 Unspecified Particulates

Analyst: 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: 7031
Date Received: 04/04/88
Date Examined: 04/10/88

Lab Number: 8808945 Analyst: MF

Sample Number: CHS-12A Site: Chico High School

Location: Wing C, RA & Custodial Offices - plaster.

P.O.: Chico USD

Gross Description: White, plaster-like material.

MICROSCOPIC DESCRIPTION:

< 1 TOTAL ASBESTOS PRESENT: ુ <1 Chrysotile <1 Amosite <1 Crocidolite 10-15 % TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: 1-5 Cellulose 5-10 Mineral Wool < 1 Polyethylene 35-90 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: Unspecified Particulates

Analyst: Mchalle Supervisor: &

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: 7031
Date Received: 04/04/88
Date Examined: 04/10/88

Lab Number: 8808946 Analyst: MF

Sample Number: CHS-12B Site: Chico High School

Location: Wing C, RA & Custodial Offices - plaster.

P.O.: Chico USD

Gross Description: White, plaster-like material.

MICROSCOPIC DESCRIPTION: < 1 TOTAL ASBESTOS PRESENT: % < 1 Chrysotile < 1 Amosite < 1 Crocidolite 1-5 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: Cellulose 잏 < 1 Mineral Wool < 1 Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: 95-99 રુ Unspecified Particulates જ

Analyst: Supervisor:

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

P.O. Box 7012

7031

Modesto, CA 95355

Date Received: 04/04/88 Date Examined: 04/10/88

Lab Number: 8808947

Analyst:

Analyst: MF

Sample Number: CHS-12C Site: Chico High School

Location: Wing C, RA & Custodial Offices - plaster.

P.O.: Chico USD

Gross Description: White, plaster-like material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:			<1	96
Chrysotile	<1	જુ	7.	Ū
Amosite	<1	8		
Crocidolite	<1	8		
01001001		ય		
TOTAL NON-ASBESTOS FIBROUS MATERIAL	PRESENT:		1 - 5	95
Cellulose	1 - 5	98		
Mineral Wool	<1	8		
Polyethylene	< 1	%		
•		ક		
The same and the s	*** 5556535		05.00	Ο.
TOTAL NON-ASBESTOS NON-FIBROUS MATER			95-99	ő
Unspecified Particulates	95-99	8		
		%		
		%		
		Ο.		

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

Modesto, CA 95355

Report Number:

7031

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8808948

Analyst: MF

Sample Number: CHS-13

Site: Chico High School

Location: Wing C, Room C-1 - 2 x 4 ceiling panels.

P.O.: Chico USD

Gross Description: Off-white, fibrous ceiling tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

< 1

Chrysotile Amosite

< 1

Crocidolite

<1

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

15-20

Mineral Wool

Cellulose

70-75

Polyethylene

< 1

5-10

< 1

90-95

Unspecified Particulates

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

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Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

Client:

Hazard Management Services, Inc.

Client Number:

146

P.O. Box 7012

Report Number:

7031

Modesto, CA 95355

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8808949

Analyst: MF

Sample Number: CHS-14 Site: Chico High School

Location: Classroom C-10 - 12" VFT beige.

P.O.: Chico USD

Gross Description: Beige, floor tile associated with black, tar

adhesive (asbestos in both).

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	1-5 <1 <1	০,০ ০,০ ০,০ ০,০	1-5	3,
TOTAL NON-ASBESTOS FIBROUS MATERIAL Cellulose Mineral Wool Polyethylene	PRESENT: 1-5 <1 <1	ovo ovo ovo	1-5	₉ રહ
TOTAL NON-ASBESTOS NON-FIBROUS MATER. Unspecified Particulates	IAL PRESENT: 95-99	وره وره وره وره	95-99	cvo

Analyst:

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

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Hazard Management Services, Inc.

Client Number:

146

P.O. Box 7012

Report Number: 7031

Date Received: 04/04/88

Modesto, CA 95355

Date Examined: 04/10/88

Lab Number: 8808950

Analyst: MF

Sample Number: CHS-15 Site: Chico High School

Location: Wing C Hallways, 12" ceiling tile.

P.O.: Chico USD

Gross Description: Off-white, fibrous ceiling tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT: Chrysotile

Crocidolite

Cellulose

Mineral Wool

Polyethylene

<1

< 1

< 1

90-95 - 3

Amosite

< 1

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

90~95

કુ < 1

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

< 1

5-10

왕

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 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. P.O. Box 7012	Repo Date	ent Number: ort Number: e Received:	: : 04/04/	703 88
Modesto, CA 95355		e Examined:		
Lab Number: 8808951 Sample Number: CHS-16 Site: Chico High School		Aı	nalyst:	MF
Location: Room B-8 Wall - glue (used	behind cha	lkboard).		
P.O.: Chico USD				
Gross Description: Brown, glue adhesi	ve.			
MICROSCOPIC DESCRIPTION:				
TOTAL ASBESTOS PRESENT:			< 1	%
Chrysotile	<1	95 a.		
Amosite	<1 <1	9,0		
Crocidolite	<u> </u>	ફ		
TOTAL NON-ASBESTOS FIBROUS MATERIAL P	RESENT:	1	Trace	<i>ં</i> ડ
Cellulose	Trace	ક	- "	
Mineral Wool	< 1	%		
Polyethylene	<1	9. 6		
		8/J		
TOTAL NON-ASBESTOS NON-FIBROUS MATERI	AL PRESENT:		98-99	ુ
Unspecified Particulates	98-99	? **		
• • •		્રે		
		%		
		ેં		
N -2 1/2 0				
Analyst: Danil Salan to Br	Supe	rvisor: 👤	2_	
COMMENTS: Analysis employs Polarized	Light Micro	scopy with	Disper	Sİ(
Staining, and is performed by an analy asbestos proficiency testing program.		th no obse		ul.
asbestiform minerals are designated as				3 4 01

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(<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.				: :	
	P.O. Box 7012 Modesto, CA 95355	I	Date Re	eceived	l: 04/04/ l: 04/10/	88
_	Lab Number: 8808952 Sample Number: CHS-17 Site: Chico High School	The name was not read over a			Analyst:	MF
	Location: Library Building, Theatre - I ceiling panel. P.O.: Chico USD	412, 13	3, 14 -	- 2 x 4	1	
	Gross Description: Off-white, fibrous co	eiling	tile.			
	MICROSCOPIC DESCRIPTION:					
	TOTAL ASBESTOS PRESENT:				< 1	્રે
	Chrysotile Amosite	<1 <1	9,0			
	Crocidolite	<1	96			
	TOTAL NON-ASBESTOS FIBROUS MATERIAL PRES		.		90-95	ુ
	Mineral Wool	15-29 70-75				
	Polyethylene	< 1	%			
			₀ ં.			
	TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL				5-10	3.
	Unspecified Particulates	5-10	% %			
			્ર			
			ું			
	Analyst: David Valique los por	Si	upervis	sor: 🚽	<u>x</u>	
-	COMMENTS: Analysis employs Polarized Lic					ion
	Staining, and is performed by an analyst	quali:	fied u	nder th	ne EPĀ bī	
	asbestos proficiency testing program. Sa	amples	with n	no obse	ervable	

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: 7031 P.O. Box 7012 Date Received: 04/04/88 Modesto, CA 95355 Date Examined: 04/10/88 Lab Number: Analyst: MF 8808953 Sample Number: CHS-18 Site: Chico High School Location: Building L, Student Govt. Room - linoleum. P.O.: Chico USD Gross Description: Off-white, linoleum, floor tile. MICROSCOPIC DESCRIPTION: TOTAL ASBESTOS PRESENT: < 1 < 1 Chrysotile Amosite < 1 Crocidolite <1 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: Trace Cellulose Trace Mineral Wool < 1 Polyethylene < 1 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: 98-99 Unspecified Particulates %

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: 7031

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

Date Examined: 04/10/88

Lab Number:

8808954

Analyst: MF

Sample Number: CHS-19

Site: Chico High School

Location: Library Attic, Room L3 - mudded joint.

P.O.: Chico USD

Gross Description: Gray, semi-fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT: 5-10

Chrysotile 5-10 Amosite <1 Crocidolite < 1

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Trace

Cellulose Mineral Wool 60-65 Polyethylene < 1

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: Unspecified Particulates

25-35

60-65

Supervisor:

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: 8808955

Sample Number: CHS-20A

Site: Chico High School

Location: Library Building Walls - drywall.

P.O.: Chico USD

Gross Description: White drywall.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	<1 <1 <1	منه دره ماه عرب	< 1	ું. પ્
TOTAL NON-ASBESTOS FIBROUS MATERIAL Cellulose Mineral Wool Polyethylene	PRESENT: 30-35 1-5 <1	وره وره وره وره	35-40	26
TOTAL NON-ASBESTOS NON-FIBROUS MATER Unspecified Particulates	RIAL PRESENT: 60-65	500 010 010 010	60-65	313

Analyst: Dawl Jaliane 65 107 Supervisor: DO

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR		
Client: Hazard Management Services, Inc.		umber: 146
P.O. Box 7012 Modesto, CA 95355	Date Rec	umber: 7031 eived: 04/04/88 mined: 04/10/88
Lab Number: 8808956 Sample Number: CHS-20B Site: Chico High School		Analyst: MF
Location: Library Building Walls - d	rywall.	
P.O.: Chico USD		
Gross Description: White drywall.		
MICROSCOPIC DESCRIPTION:		
TOTAL ASBESTOS PRESENT:		<1 %
Chrysotile Amosite	<1 <1 %	
Crocidolite	<1 %	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PI Cellulose Mineral Wool Polyethylene	RESENT: 35-40 % 1-5 % <1 %	40-45 %
TOTAL NON-ASBESTOS NON-FIBROUS MATERIA Unspecified Particulates	AL PRESENT: 55-60 % % %	55-60 %
Analyst: Dan Value form	Supervisor	r: 10
COMMENTS: Analysis employs Polarized Staining, and is performed by an analy asbestos proficiency testing program. asbestiform minerals are designated as	Light Microscopy st qualified undo Samples with no	with Dispersion er the EPA bulk observable

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(<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

Client:				
Hazard Management Services, Inc.			umber: umber:	
P.O. Box 7012 Modesto, CA 95355		e Exam	ived: 04/0 ined: 04/	10/88
Lab Number: 8808957 Sample Number: CHS-20C Site: Chico High School			Analys	
Location: Library Building Walls	- drywall.			
P.O.: Chico USD				
Gross Description: White drywall.				
MICROSCOPIC DESCRIPTION:				•
TOTAL ASBESTOS PRESENT: Chrysotile	< <u>1</u>	e,	< 1	ું
Amosite	<1	જ		
Crocidolite	<1	9/3		
TOTAL NON-ASBESTOS FIBROUS MATERIA			80-85	%
			20-03	
Cellulose	75-80		50-55	ŭ.
		0,0 0,0 0,0	30-33	·
Cellulose Mineral Wool	75-80 1-5	%	50-65	
Cellulose Mineral Wool Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS MAT	75-80 1-5 <1 ERIAL PRESENT:	مهم دړې ديې	15-20	
Cellulose Mineral Wool Polyethylene	75-80 1-5 <1	مهم دړې ديې		
Cellulose Mineral Wool Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS MAT	75-80 1-5 <1 ERIAL PRESENT:	مهم دړې ديې		
Cellulose Mineral Wool Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS MAT	75-80 1-5 <1 ERIAL PRESENT:	مهم دړې ديې		

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: 7031
Date Received: 04/04/88
Date Examined: 04/10/88

Analyst: MF

Lab Number: 8808958
Sample Number: CHS-21
Site: Chico High School

Location: Science Building, Countertop Covering S-3 - heat shield paper.

P.O.: Chico USD

Gross Description: White, fibrous wrap.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	75-80 <1 <1	eko eko eko eko	75-80	90
TOTAL NON-ASBESTOS FIBROUS MATERIAL F Callulose Mineral Wool Polyethylene	PRESENT: <1 <1 <1 <1	910 910 510 910	<1	ą.
TOTAL NON-ASBESTOS NON-FIBROUS MATERI Unspecified Particulates	TAL PRESENT: 20-25	010 010 010 o	20-25	જું

Analyst Superviso

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: 7031 P.O. Box 7012 Date Received: 04/04/88 Modesto, CA 95355 Date Examined: 04/10/88 Lab Number: 8808959 Analyst: MF Sample Number: CHS-22 Site: Chico High School Location: S-3 - 2 x 4 ceiling panel. P.O.: Chico USD Gross Description: Off-white, fibrous ceiling tile. MICROSCOPIC DESCRIPTION: TOTAL ASBESTOS PRESENT: < 1 Chrysotile <1 Amosite < 1 Crocidolite < 1 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: 25-35 3 Cellulose 10-15 Mineral Wool 15-20 Polyethylene < 1 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: 65-75 Unspecified Particulates

Analyst: laud talane to me

Perlite

Supervisor:

40-45

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BULK ASBESTOS ANALYSIS REPORT

FOR

Client:		
Hazard	Management	Corri

Hazard Management Services, Inc.

Client Number: Report Number: 7031

P.O. Box 7012 Modesto, CA 95355

Date Received: 04/04/38 Date Examined: 04/10/88

Lab Number: 8808960

Analyst: MF

146

Sample Number: CHS-23

Site: Chico High School

Location: S-3 Attic, over sink - mudded joint (straight ace fg).

P.O.: Chico USD

Gross Description: Gray, semi-fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT: 5-10 Chrysotile 5-10 Amosite < 1 Crocidolite < 1 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: 55-65 Cellulose Trace Mineral Wool 55-65 Polyethylene < 1 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: 30-35 % Unspecified Particulates

Supervisor:

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: 7	14 03
P.O. Box 7012 Modesto, CA 95355	Date Received: 04/04/8 Date Examined: 04/10/8	88
Lab Number: 8808961 Sample Number: CHS-24 Site: Chico High School	Analyst: N	1F
Location: Science Building S-4 - 9"	VFT.	
P.O.: Chico USD		
Gross Description: Off-white, floor tar adhesive (asb		
MICROSCOPIC DESCRIPTION:		
TOTAL ASBESTOS PRESENT:	1-5	² 6
Chrysotile	1 + 5 % <1 %	
Amosite Crocidolite	<1 %	
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL		ક
Cellulose	1-5 %	
Mineral Wool Polyethylene	<1 % <1 %	
rothecultane	3	
TOTAL NON-ASBESTOS NON-FIBROUS MATER		
Unspecified Particulates		وين
unspectited ratificulates	90-95 %	وبن
Unspecified Faiticulates		9,0

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

T O N	
Client: Hazard Management Services, Inc.	Client Number: 140 Report Number: 703
P.O. Box 7012 Modesto, CA 95355	Date Received: 04/04/88 Date Examined: 04/10/88
Lab Number: 8808962 Sample Number: CHS-25 Site: Chico High School	Analyst: MF
Location: Science Building S-4 -	black baseboard.
P.O.: Chico USD	
Gross Description: Black, vinyl ti	le.
MICROSCOPIC DESCRIPTION:	
TOTAL ASBESTOS PRESENT:	<1 %
Chrysotile	<1 %
Amosite	<1 %
Crocidolite	<1 %
	3
TOTAL NON-ASBESTOS FIBROUS MATERIA	L PRESENT: Trace %
Cellulose	Trace %
Mineral Wool	<1 %
Polyethylene	< 1 % %
	*5
TOTAL NON-ASBESTOS NON-FIBROUS MAT	
Unspecified Particulates	98-99 %
	% %
\ = \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Analyst: Soul Jahr Ho MT	Sumanus and
Analyst: Analyst: Mf	Supervisor:

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:

7031

Modesto, CA 95355

Date Received: 04/04/88 Date Examined: 04/10/23

Lab Number:

8808963

Analyst: MF

Sample Number: CHS-26

Site: Chico High School

Location: S-5 Storage Room - pipewrap.

P.O.: Chico USD

Gross Description: Gray, fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	<1 65-70 <1	o)o ovo ovo ovo	65-70	ò
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRE Cellulose Mineral Wool Polyethylene	SENT: 1-5 <1 <1	ა ა ა ა ა ა ა	1-5	%
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL Unspecified Particulates	PRESENT: 25-30	0,0 0,0	25-30	

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.