Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FO.	R			
Client: Hazard Management Services, I		Client Number Report Number		
P.O. Box 7012 Modesto, CA 95355		Date Received Date Examined	1: 04/04/	/88
Lab Number: 8808964 Sample Number: CHS-27 Site: Chico High School		Į	Analyst:	NF
Location: H-1 Home Economics -	12" ceiling t	tile - acousti	ic.	
P.O.: Chico USD				
Gross Description: Off-white, f	ibrous ceiling	g tile.		
MICROSCOPIC DESCRIPTION:				
MOMAL AGREGADOS PRESENTA				
TOTAL ASBESTOS PRESENT: Chrysotile	<1	યુ	< 1	3
Amosite	<1			
Crocidolite	<1	ه ره ه		
TOTAL NON-ASBESTOS FIBROUS MATE	RIAL PRESENT:		90-95	ę
Cellulose		95 %		
Mineral Wool Polyethylene	<1 <1			
roriacuirana	,	ত কুত		
TOTAL NON-ASBESTOS NON-FIBROUS		- ··· · -	5-10	315
Unspecified Particulates	5-19) કુ કુ		
		o o		
		%		
Analyst: Jame Valen for	- MF	Supervisor: 💆	<u>0_</u>	
COMMENTS: Analysis employs Pola				
Staining, and is performed by an	n analyst qual:	ified under th	ne EPA bu	11k
asbestos proficiency testing pro				
<pre>asbestiform minerals are designa (<1%) asbestos. Samples in which</pre>				

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: 146 Report Number: 7031 P.O. Box 7012 Date Received: 04/04/88 Modesto, CA 95355 Date Examined: 04/10/88 8808965 Lab Number: Analyst: MF Sample Number: CHS-28 Site: Chico High School Location: H-1 Home Economics - 9" VFT - green. P.O.: Chico USD Gross Description: Green, floor tile associated with fibrous backing. MICROSCOPIC DESCRIPTION: TOTAL ASBESTOS PRESENT: < 1 <1 Chrysotile Amosite < 1 Crocidolite < 1 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: 5-10 Cellulose Mineral Wool < 1 Polyethylene < 1 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: 90-95 Unspecified Particulates 90-95

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

Hazard Management Services, Inc P.O. Box 7012 Modesto, CA 95355	Report Number: 703 Date Received: 04/04/88 Date Examined: 04/10/88
Lab Number: 8808966 Sample Number: CHS-29 Site: Chico High School	Analyst: MF
Location: H-1 Home Economics - b	aseboard and glue.
P.O.: Chico USD	
Gross Description: Green, floor tachesive	ile associated with black, tar
MICROSCOPIC DESCRIPTION:	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	<1 % <1 % <1 % <1 % <1 % <1 % <1 % <1 %
Chrysotile Amosite	<1 % <1 % <1 % <1 %
Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERI Cellulose Mineral Wool	<pre> <1 % <1 % <1 % <1 % <1 % <1 % <1 5 % <1 % <1</pre>

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

Client:	FUR		
Hazard Management Service	s, Inc.	Client Number Report Number	
P.O. Box 7012 Modesto, CA 95355		Date Received Date Examined	: 04/04/88 · 04/10/88
Lab Number: 8808967 Sample Number: CHS-30 Site: Chico High School			nalyst: MF
Location: H-2 Home Economi	cs - 9" VFT - red	1.	
P.O.: Chico USD			
Gross Description: Red, flo backing.	or tile associate	ed with black,	fibrous
MICROSCOPIC DESCRIPTION:			
TOTAL ASBESTOS PRESENT:			
Chrysotile	<1		<1 %
Amosite	<1		
Crocidolite	<1	રુ	
		3	
TOTAL NON-ASBESTOS FIBROUS	MATERIAL PRESENT:	:	15-20 %
Cellulose		20 %	
Mineral Wool		9. 5	
Polyethylene	<1	3	
		ફ	
TOTAL NON-ASBESTOS NON-FIBR	OUS MATERIAL PRES	ENT: 8	30-35 %
Unspecified Particulat	es 80-		,, ,,,
		ૈંદ	
		9,	
\ I		8	
Analyst: David Volus	AS MF	Supervisor:	<u>) </u>
COMMENTS: Analysis employs	<i>1</i> / Polarized Light M	icroscopy with	Dispersion
Staining, and is performed b	y an analyst qual	ified under the	EPA bulk

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: 8808968

Analyst: MF

Sample Number: CHS-31

Site: Chico High School

Location: H-1 Home Economics, Storage Closet - pw straight.

P.O.: Chico USD

Gross Description: White, semi-fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT: 75-80 < 1 Chrysotile -Amosite 75-80 Crocidolite <1 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: 1-5 Cellulose 1 - 5 9 Mineral Wool < 1 Polyethylene < 1 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: 15-20 Unspecified Particulates

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

Client: Hazard Management Services, Inc.	Report	Number: Number:	7031
P.O. Box 7012 Modesto, CA 95355		ceived: 04/0 amined: 04/1	
Lab Number: 8808969 Sample Number: CHS-32 Site: Chico High School		Analys	t: MF
Location: H-1 Home Economics, Storage	: Closet - mudd	led joint.	
P.O.: Chico USD			
Gross Description: White, semi-fibrous	powder.		
MICROSCOPIC DESCRIPTION:		75-30	
TOTAL ASBESTOS PRESENT:	1-5 %	75-30	3
TOTAL ASBESTOS PRESENT: Chrysotile Amosite	70-75 %	75-30	
TOTAL ASBESTOS PRESENT: Chrysotile		75-30	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite	70-75 % % % % % % % % % % % % % % % % % % %	75-30 1-3	• • • • • • • • • • • • • • • • • • •
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL PROCEDULOSE	70-75 % <1 % % RESENT: 1-5 %		·
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL Proceedings Cellulose Mineral Wool	70-75 % % % % % % % % % % % % % % % % % % %		~
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL PROCEDULOSE	70-75 % <1 % 3 RESENT: 1-5 % <1 %		Ž
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL Procedulose Mineral Wool Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL	70-75 % <1 % RESENT: 1-5 % <1 % <1 % AL PRESENT:	1-5 15-29	·
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL Procedulose Mineral Wool Polyethylene	70-75 % <1 % RESENT: 1-5 % <1 % <1 %	1-5 15-29	4 .

Analyst:

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

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR Client: Client Number: 146
Report Number: 7031 Hazard Management Services, Inc. Date Received: 04/04/88 P.O. Box 7012 Date Examined: 04/10/88 Modesto, CA 95355 Analyst: MF Lab Number: 8808970 Sample Number: CHS-33 Site: Chico High School Location: H-2 Home Economics - wall and ceiling plaster. P.O.: Chico USD Gross Description: Gray wall and ceiling plaster. MICROSCOPIC DESCRIPTION: < 1 TOTAL ASBESTOS PRESENT: < 1 Chrysotile < 1 Amosite < 1 Crocidolite TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: Trace

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:
Unspecified Particulates 98-99

98-99

Analyst Jacol Jaliam of mr

Cellulose

Mineral Wool

Polyethylene

Supervisor:

Trace

Trace

< 1

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

Clia			
Repo	nt Numbe rt Numbe	er:	146 7031
Date Date	Receive Examin	ed: 04/04 ed: 04/10	/23
		Analyst:	ME
r Room - doo	r fille	r.	
s material.			
15.00	9	25-35	u, o
<1	3		
	્ર		
		1 - 3	3
-			
	?		
AT. PRESENT:		60-6 5	*
60-65	લ		
	3		
	o,		
	°\$.		
Supe	rvisor:	200_	
]	Date Date Date r Room - doo s material. 15-20 10-15 <1 RESENT: 1-5 <1 <1 AL PRESENT: 60-65	Date Receive Date Examiner Room - door filler s material. 15-20 % 10-15 % <1 % RESENT: 1-5 % <1 % <1 % AL PRESENT: 60-65 %	r Room - door filler. s material. 25-15 15-20 % 10-15 % <1 % RESENT: 1-5 % <1 % AL PRESENT: 60-65 60-65 % % %

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: 8808972

Analyst: MF

Sample Number: CHS-35 Site: Chico High School

Location: Home Economics Wing, Heater Room + pw straight.

P.O.: Chico USD

Gross Description: Off-white fibrous wrap.

MICROSCOPIC DESCRIPTION:

5-10 % TOTAL ASBESTOS PRESENT: 5-10 Chrysotile < 1 Amosite Crocidolite < 1 85-90 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: ે 85-90 Cellulose Mineral Wool < 1 Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: 1 – 5 Unspecified Particulates

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

Hazard Management Services, Inc. P.O. Box 7012 Modesto, CA 95355 ab Number: 8808973 ample Number: CHS-36 ite: Chico High School ocation: Home Economics Wing, Heater Roc .O.: Chico USD ross Description: Grey semi-fibrous poude	Repor Date Date 		: 04/04/ : 04/10/ nalyst:	88 88
Modesto, CA 95355 ab Number: 8808973 ample Number: CHS-36 ite: Chico High School ocation: Home Economics Wing, Heater Roc .O.: Chico USD ross Description: Grey semi-fibrous poude	Date 	Examined A	: 04/10/ nalyst:	'88
ab Number: 8808973 ample Number: CHS-36 ite: Chico High School ocation: Home Economics Wing, Heater Roc .O.: Chico USD ross Description: Grey semi-fibrous poude				AF
.O.: Chico USD Fross Description: Grey semi-fibrous poude		ded joint	•	
ross Description: Grey semi-fibrous poude	er.			
	er.			
IICROSCOPIC DESCRIPTION:				
AICROSCOPIC DESCRIPTION:				
AICROSCOPIC DESCRIPTION:				
AICROSCOPIC DESCRIPTION:				
				-
• • • • • • •			<1	કુ
TOTAL ASBESTOS PRESENT:	<1	%	~ ±	-
Chrysotile	<1	%		
Amosite Crocidolite	<1	%		
Clocido:126		9		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESE	INT:		1 - 5	?
TOTAL NON-ASSESTOS FIBROOG IMITEMATA Cellulose	1-5	્રું		
Mineral Wool	< 1	3		
Polyethylene	<1	ક સ્		
20270001		5		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL	PRESENT:		95-99	,
Unspecified Particulates	95-99	% 3		
0115500111		96		
		3		
M. 1 10. 11 TON	Supe	ervisor: .	00	
Analyst: HChe Comments: Analysis employs Polarized Lig				 i

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

FOR

FOR			
Client: Hazard Management Services, Inc.	Report	Number:	703
P.O. Box 7012 Modesto, CA 95355		ceived: 04/04 amined: 04/10	
Lab Number: 8808974 Sample Number: CHS-37		Analyst	: MF
Site: Chico High School			
Location: Home Economics Wing, Heat- insulation/liner. P.O.: Chico USD	er Room - boiler	:	
Gross Description: Off-white fibrous	wrap.		
MICROSCOPIC DESCRIPTION:			
TOTAL ASBESTOS PRESENT:		25-35	Š
Chrysotile	25-35 % <1 %		
Amosite Crocidolite	<1 %		
Clocidolica	ે		
TOTAL NON-ASBESTOS FIBROUS MATERIAL	PRESENT:	55-65	9,
Cellulose	55-65 °s		
Mineral Wool	<1 %		
Polyethylene	<1 %		
	હ		
TOTAL NON-ASBESTOS NON-FIBROUS MATER	IAL PRESENT:	5-10	v.
Unspecified Particulates	5-10 %		
	30		
	ું ભૂ		
	হ		
		\ -	
Analyst: Thele to	Supervi	sor: 20	
COMMENTS: Analysis employs Polarized	. Light Migrosco	ny with Dispe	ersio
COMMENTS: Analysis employs Polarized Staining, and is performed by an analysis	lyst qualified u	inder the EPA	bull
staining, and is periormed by an ana. asbestos proficiency testing program	Samples with	no observable	e
aspestion profictency describe programs	as containing le	ss than one	perd

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

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

FOR

	OR				
Client: Hazard Management Services,	Inc.	Report	Number: Number:		703
P.O. Box 7012 Modesto, CA 95355		Date E	eceived: xamined:	04/10.	/88
Lab Number: 8808975 Sample Number: CHS-38A Site: Chico High School				alyst:	
Location: Music Wing Hall Cei	ling - trowele	d on pl	aster.		
P.O.: Chico USD					
Gross Description: Off-white p	laster like ma	terial.			
MTABOAGODIA DESCRIPTION.					
MICROSCOPIC DESCRIPTION:					
MICROSCOPIC DESCRIPTION:					
MICROSCOPIC DESCRIPTION:			1.		 %
TOTAL ASBESTOS PRESENT:	1-9	5 %	===	 -5	
	1-9	o. 'S		 -5	
TOTAL ASBESTOS PRESENT: Chrysotile		9 9 9		 -5	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite	<1	o. 'S		 -5	 %
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	<1 <1	ું જુ	-		
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MAT	<1 <1 TERIAL PRESENT	9.5 9.5 9.5	<	 -5	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MAT Cellulose	<1 <1 CERIAL PRESENT <1	9.0 9.0 9.0 9.0	<		
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MAT Cellulose Mineral Wool	<1 <1 CERIAL PRESENT <1 <1	ى ئ ئ ئ	<		
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MAT Cellulose	<1 <1 CERIAL PRESENT <1	ى ئى ئى ئى ئى ئى ئى	<		
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MAT Cellulose Mineral Wool	<1 <1 CERIAL PRESENT <1 <1	ى ئ ئ ئ	<		
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MAT Cellulose Mineral Wool Polyethylene	<1 <1 CERIAL PRESENT <1 <1 <1 <1	\$0 \$	<	ī	33
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MAT Cellulose Mineral Wool Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS	<1 <1 <1 CERIAL PRESENT <1 <1 <1 <1 <1 <1 <thomas< td=""><td>% % % % % SENT:</td><td><</td><td></td><td>3</td></thomas<>	% % % % % SENT:	<		3
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MAT Cellulose Mineral Wool Polyethylene	<1 <1 <1 CERIAL PRESENT <1 <1 <1 <1 <1 <1 <thomas< td=""><td>% % % % SENT: -99</td><td>9</td><td>ī</td><td>3</td></thomas<>	% % % % SENT: -99	9	ī	3
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MAT Cellulose Mineral Wool Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS	<1 <1 <1 CERIAL PRESENT <1 <1 <1 <1 <1 <1 <thomas< td=""><td>% % % % SENT: -99 %</td><td>9</td><td>ī</td><td>3</td></thomas<>	% % % % SENT: -99 %	9	ī	3
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MAT Cellulose Mineral Wool Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS	<1 <1 <1 CERIAL PRESENT <1 <1 <1 <1 <1 <1 <thomas< td=""><td>% % % % SENT: -99</td><td>9</td><td>ī</td><td>3</td></thomas<>	% % % % SENT: -99	9	ī	3
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MAT Cellulose Mineral Wool Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS	<1 <1 <1 CERIAL PRESENT <1 <1 <1 <1 <1 <1 <thomas< td=""><td>% % % % % % % % % % % % % % % % % % %</td><td>9</td><td>ī</td><td>3</td></thomas<>	% % % % % % % % % % % % % % % % % % %	9	ī	3
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite TOTAL NON-ASBESTOS FIBROUS MAT Cellulose Mineral Wool Polyethylene TOTAL NON-ASBESTOS NON-FIBROUS	<1 <1 <1 CERIAL PRESENT <1 <1 <1 <1 <1 <1 <thomas< td=""><td>% % % % % % % % % % % % % % % % % % %</td><td>9</td><td>ī</td><td>3</td></thomas<>	% % % % % % % % % % % % % % % % % % %	9	ī	3

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR				
Client: Hazard Management Services, Inc.	R	eport Numl	ber: ber:	703
P.O. Box 7012 Modesto, CA 95355			ved: 04/04 ned: 04/14	
Lab Number: 8808976 Sample Number: CHS-38B Site: Chico High School			Analyst	: ME
Location: Music Wing Hall Ceiling - tr	coweled	on plaste	҈.	
P.O.: Chico USD				
Gross Description: Off-white plaster li	lke mate	rial.		
MICROSCOPIC DESCRIPTION:				
TOTAL ASBESTOS PRESENT:			1-5	£5
Chrysotile	1 - 5			
Amosite	<1	9/0 9/0		
Crocidolite	<1	, 0, 3		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRI	ESENT:		< 1	3,
Cellulose	< 1	9V 0		
Mineral Wool	<1 <1	% %		
Polyethylene	~ +	9,		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIA	L PRESEN	IT:	95-99	Ø,
Unspecified Particulates	95-99			
		્રંડ ભુ		
		ે		
Analyst: Michelle Say	St	ipervisor:	- DD	
COMMENTS: Analysis employs Polarized L Staining, and is performed by an analys asbestos proficiency testing program. asbestiform minerals are designated as	t quali: Samples	ried unde: with no <	r the bra observable	ā Duti

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	eport Numb	er: er:	7031
P.O. Box 7012 Modesto, CA 95355	ם	ate Examin	ed: 04/04/ led: 04/10/	'88
Lab Number: 8808977 Sample Number: CHS-38C Site: Chico High School			Analyst:	MF
Location: Music Wing Hall Ceiling - t	roweled	on plaster	: •	
P.O.: Chico USD				
Gross Description: Off-white plaster 1	ike mate	rial.		
WEST OF COURSE OF COTTON:				
MICROSCOPIC DESCRIPTION:				. <u>.</u>
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			1-5	. <b>.</b>
TOTAL ASBESTOS PRESENT:	1-5		1-5	3
TOTAL ASBESTOS PRESENT: Chrysotile	1-5 <1	**************************************	1-5	95
TOTAL ASBESTOS PRESENT: Chrysotile Amosite			1-5	35
TOTAL ASBESTOS PRESENT: Chrysotile	<1	*5	1-5	°5
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	<1 <1	35 98	1-5	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIAL PR	<1 <1 RESENT:	**		
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIAL PR	<1 <1	35 98		
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIAL PR Cellulose Mineral Wool	<1 <1 RESENT:	در در در د		
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIAL PR	<1 <1 RESENT: <1 <1	ين وين وين		
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIAL PR Cellulose Mineral Wool Polyethylene	<1 <1 RESENT: <1 <1 <1	ځنې کېې منۍ منې منې منې	<1	Ŋ
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIAL PR Cellulose Mineral Wool Polyethylene	<1 <1 RESENT: <1 <1 <1	ં ક ક ક		%
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIAL PR Cellulose Mineral Wool	<1 <1 RESENT: <1 <1 <1	% % % % % % %	<1	ų,
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIAL PR Cellulose Mineral Wool Polyethylene	<1 <1 RESENT: <1 <1 <1	ં ક ક ક શ <b>!NT:</b> 9 9	<1	95
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIAL PR Cellulose Mineral Wool Polyethylene	<1 <1 RESENT: <1 <1 <1	% % % % % % %	<1	
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIAL PR Cellulose Mineral Wool Polyethylene	<1 <1 RESENT: <1 <1 <1	ં	<1	95
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIAL PR Cellulose Mineral Wool Polyethylene	<1 <1 RESENT: <1 <1 <1 <1 AL PRESE 95-9	ં	<1 95-99	%

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

## BULK ASBESTOS ANALYSIS REPORT

FOR

Hazard Management Services, Inc. P.O. Box 7012	Rep Dat	ent Number ort Number e Received e Examined	: : 04/04/	38
Modesto, CA 95355		 A	 nalyst:	 MF
Lab Number: 8808978 Sample Number: CHS-39 Site: Chico High School			11012   2 2 2 2	
Location: Music Wing Hall - 9" VF	T - yellow.			
P.O.: Chico USD				
Gross Description: Yellow floor ti adhesive (Asbes	le associated tos in tile o	with black nly).	tar .	
MICROSCOPIC DESCRIPTION:				
			5-10	- <del>-</del> -
MICROSCOPIC DESCRIPTION: TOTAL ASBESTOS PRESENT: Chrysotile	5-10		5-10	- <del></del> -
TOTAL ASBESTOS PRESENT: Chrysotile Amosite	<1	3	5-10	_ <b>-</b> -
TOTAL ASBESTOS PRESENT: Chrysotile	=		5-10	<del>-</del> -
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite	<1 <1	કુ કુ	5-10	- <del>-</del> -
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIA	<1 <1	est ests		ř
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose	<1 <1 AL PRESENT:	وين وين		ř
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool	<1 <1 AL PRESENT: 1-5	وين وين وين		Ť
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose	<1 <1 AL PRESENT: 1-5 <1	وين وين		Ť
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool Polyethylene	<1 <1 AL PRESENT: 1-5 <1 <1	විට විට විට විට විට විට		રે
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool Polyethylene  TOTAL NON-ASBESTOS NON-FIBROUS MA	<1 <1 AL PRESENT: 1-5 <1 <1	විට විට විට විට විට විට	1-5	* *3
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool Polyethylene	<1 <1 AL PRESENT: 1-5 <1 <1	go g	1-5	*
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool Polyethylene  TOTAL NON-ASBESTOS NON-FIBROUS MA	<1 <1 AL PRESENT: 1-5 <1 <1	on o	1-5	*
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool Polyethylene  TOTAL NON-ASBESTOS NON-FIBROUS MA	<1 <1 AL PRESENT: 1-5 <1 <1	gio gio gio gio gio gio	1-5	*
TOTAL ASBESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS FIBROUS MATERIA Cellulose Mineral Wool Polyethylene  TOTAL NON-ASBESTOS NON-FIBROUS MA	<1 <1 AL PRESENT: 1-5 <1 <1	د: څېن څېن ځېن څېن څېن څېن	1-5	*

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

### BULK ASBESTOS ANALYSIS REPORT

FOR

Hazard Management Services, Inc. P.O. Box 7012	Repo Date	ort Num e Recei	ber: ber: ved: 04/04/ ned: 04/10/	70. 83
Modesto, CA 95355				
Lab Number: 8808979 Sample Number: CHS-40 Site: Chico High School			Analyst:	MF
Location: Music Wing Hall, Window S	ill - linole	um.		
P.O.: Chico USD				
Gross Description: Yellow floor tile fibrous backing.	associated	with bl	ack	
MICROSCOPIC DESCRIPTION:				
TOTAL ASBESTOS PRESENT:			< 1	
Chrysotile	<1	્ર ભ		
Amosite	< 1 < 1	ن بي		
Crocidolite	~ 1	ૡ		
TOTAL NON-ASBESTOS FIBROUS MATERIAL	PRESENT:		30-35	Y
Cellulose	30-35			
Mineral Wool	<1	970 970		
Polyethylene	< 1	૾ૢ		
	TAT DDFCFMT	;	65-70	
TOTAL NON-ASBESTOS NON-FIBROUS MATER	(THE EVENHAT			
TOTAL NON-ASBESTOS NON-FIBROUS MATER Unspecified Particulates	65-70	"5		
TOTAL NON-ASBESTOS NON-FIBROUS MATER Unspecified Particulates	65-70	95 95		
TOTAL NON-ASBESTOS NON-FIBROUS MATER Unspecified Particulates	65-70	"5		
TOTAL NON-ASBESTOS NON-FIBROUS MATER Unspecified Particulates	65-70	2/3 g/0		
Unspecified Particulates	65-70	2/3 g/0	: 202	
Unspecified Particulates  Analyst: Mchelle	65-70	ervisor		- <b>-</b> -
Analyst: Analysis amplays Polarize	65-70 Sup	ervisor	with Disper	 :S1
Analyst: Analysis employs Polarized	65-70 Sup Light Micr	ervisor  oscopy ed unde	with Disper r the EPA h	 rsi oul
Analyst: Analysis amplays Polarize	65-70  Sup Light Micr lyst qualifi Samples was containin	ervisor ervisor oscopy ed unde ith no g less	with Disper r the EPA b observable than one pe	erc

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

#### FOR

P.O. Box 7012 Modesto, CA 95355		a	ate Examin	ed: 04/04/ ed: 04/10/ 	88
Lab Number: 88089 Sample Number: CHS-4 Site: Chico High So	11 chool			Analyst:	HF
P.O.: Chico USD	) - transite ti	ie – bignoar	·		
Gross Description:	Grey transite a layer.	ssociated wi	th yellow	paint	
MICROSCOPIC DESCRIP	TION:				
MICROSCOPIC DESCRIP  TOTAL ASBESTOS PRES Chrysotile Amosite Crocidolite		15-20 <1 <1	8	15-20	<u></u>
TOTAL ASBESTOS PRES Chrysotile Amosite	ENT:	<1 <1	9/0 3/0	15-20	8
TOTAL ASBESTOS PRES Chrysotile Amosite Crocidolite  TOTAL NON-ASBESTOS Cellulose Mineral Wool	FIBROUS MATERIA	<1 <1 AL PRESENT: <1 <1 <1	* * * * * * * * * * * * * * * * * * *		<b>0</b>

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

#### FOR

P.O. Box 7012 Modesto, CA 95355	Report Date Re Date Es		04/04/ 04/10/  alyst:	703 /88 /88 
Modesto, CA 95355  Lab Number: 8808981 Sample Number: CHS-38D Site: Chico High School  Location: Music Wing, Instrumental Storage F plaster. P.O.: Chico USD	Date Ex	kamined: An	04/10/  alyst:	/38 
Lab Number: 8808981 Sample Number: CHS-38D Site: Chico High School Location: Music Wing, Instrumental Storage F plaster. P.O.: Chico USD			•	ME
plaster. P.O.: Chico USD		troweled	on	
a new intime off white cami-fibrous not	ader.			
Gross Description: Oli-white semi-tiblods po.				
MICROSCOPIC DESCRIPTION:				
MICHOROUPIC DESCRIPTION.				
TOTAL ASBESTOS PRESENT:		-	L-5	ઉ
Chrysotile 1-5				
Amosite <1 Crocidolite <1	9,5			
	o,5			
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			<1	2.
Cellulose <1	%			
Mineral Wool <1	9,5 9,5			
Polyethylene <1	5 93			
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRES	ENT:	9	95-99	્ર
Unspecified Particulates 95-	99 %			
~- <b>~</b>	3			
	% 9			
Analyst: Michelle Fox	Supervi	·	2_	
COMMENTS: Analysis employs olarized Light M	iarosac	py with	Disper	<b>-</b> -
staining, and is performed by an analyst qual	lified U	inder the	е при	ou 1!
staining, and is performed by an analyst qual asbestos proficiency testing program. Sample asbestiform minerals are designated as contain	es with	no obse.	tagnie	

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

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

## BULK ASBESTOS ANALYSIS REPORT

FOR

lient:	Clin.	n + Numbe	er:	146
Hazard Management Services, Inc.	Repo	rt Numbe	r:	7031
P.O. Box 7012	Date	Receive	ed: 04/04/	88
Modesto, CA 95355	Date	Examine	ed: 04/10/	გნ 
000000			Analyst:	MF
lab Number: 8808982 Sample Number: CHS-42				
Site: Chico High School				
	tarsde Area	- wall	plaster.	
Location: Music Wing, Instrumental S	corage mass		<b>u</b>	
P.O.: Chico USD				
Gross Description: Off-white wall pla	ster.			
Fross Description. 311 and				
MICROSCOPIC DESCRIPTION:				
TOTAL ASBESTOS PRESENT:			< 1	és
Chrysotile	<1	સ		
Amosite	<1	% %		
Crocidolite	< 1	5 9.		
		•		
TOTAL NON-ASBESTOS FIBROUS MATERIAL I	PRESENT:		1-3	્રું
Cellulose	1 - 5	્યુ		
Mineral Wool	<1	6		
Polyethylene	<1	93 93		
-		ં		
THE TAXABLE WANTED	TAL PRESENT:		95-99	o. 'o
TOTAL NON-ASBESTOS NON-FIBROUS MATER	95-99	શુ		
Unspecified Particulates	<b>, ,</b> , , ,	9,		
		°5		
		%		
	_		50	
Analyst: 1/1chell	Sup	ervisor:		
			rith Dispe	rsic
COMMENTS: Analysis employs Polarized	Light Micro	oscopy m ad under	the EPA	bul
Staining, and is performed by an anal	Lyst quarrir	ith no c	bservable	·
bostos proficiency testing program.				
asbestos proficiency testing program. asbestiform minerals are designated	a containin	g less t	than one p	ero

(<1%) asbestos. Samples in which asbestiform minerals have been observed, 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

Hazard Management Services, Inc. P.O. Box 7012	Rep Dat	ort Numbe	er: er: ed: 04/04/ ed: 04/10/	703 /88
Modesto, CA 95355				
Lab Number: 8808983 Sample Number: CHS-43 Site: Chico High School			Analyst:	PIE
Location: Music Wing, Choral Room - Ye	ellow lind	oleum.		
P.O.: Chico USD				
Gross Description: Yellow floor tile.				
MICROSCOPIC DESCRIPTION:				
TOTAL ASBESTOS PRESENT:			<1	ર્ક
Chrysotile	<1	وين وين		
Amosite	<1 <1	ن وي		
Crocidolite	~ 1	ن. ن		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PR	ESENT:		30-35	
Cellulose	30-35			
Mineral Wool	< 1	ુક		
Polyethylene	< 1	9 <u>8</u>		
		3		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIA	AL PRESENT	:	6 <b>5</b> -70	e e
Unspecified Particulates	65-70	ř.,		
*		'રુ		
		% %		
2		5		
N			<b>5</b> -	
Analyst: Tichelle Tox	Sup	ervisor:	TX	
				<b></b>
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		cadany U	ith Dispe	rsi
COMMENTS: Analysis employs Polarized : Staining, and is performed by an analy	Pidur Widi	OBCODY "	TO:	h 7

(<1%) asbestos. Samples in which asbestiform minerals have been observed, 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

Modesto, CA 95355  Lab Number: 8808984  Sample Number: CHS-44  Site: Chico High School  Location: Music Wing Hall, Choral Room -  P.O.: Chico USD  Gross Description: Off-white fibrous ceil			Analyst:	MF
P.O.: Chico USD	acousti	c wall	tile.	
Gross Description: Off-white fibrous ceil				
	ing tile	•		
MICROSCOPIC DESCRIPTION:	···		<1	
TOTAL ASBESTOS PRESENT:	<1	ર	ζ.	Ü
Chrysotile	<1	75		
Amosite Crocidolite	<1	975 976		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRES	ENT:		S 5 - 9 Ø	ئ
Cellulose	15-20 65-70			
Mineral Wool	65-70 <1	9,		
Polyethylene	7.2	3		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL	PRESENT:		10-15	ĝ
Unspecified Particulates	5-10 1-5	*5 *3		
Perlite	1-3	5.3 980		
Analyst: Michalle Fox		ervisor		
COMMENTS: Analysis employs Polarized Li Staining, and is performed by an analyst	ght Micro	oscopy v	with Dispe r the EPA	rsi bul
Staining, and is performed by an analyst asbestos proficiency testing program. S	amples w	ith no	observable	(amo
asbestos proficiency testing program. S asbestiform minerals are designated as c (<1%) asbestos. Samples in which asbest	ontainin	g less	than one p have been	ob-

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	Report Nu Date Rece	imber: 145 imber: 7031 eived: 04/04/88 mined: 04/10/88
Modesto, CA 95533		
Lab Number: 8808985 Sample Number: CHS-45 Site: Chico High School		Analyst: MF
Location: Industrial Arts Wing, Auto S	Shop - pw strai	ght.
P.O.: Chico USD		
Gross Description: Grey fibrous powder.		
MICROSCOPIC DESCRIPTION:		
TOTAL ASBESTOS PRESENT:		35-40 3
Chrysotile	Trace % % % % % % % % % % % % % % % % % % %	
Amosite	35-40 5 <1 %	
Crocidolita	<b>~</b> \$	
		1-5
TOTAL NON-ASSESTES FIBROUS MATERIAL PR	ESENT: 1-5 %	<u></u>
Cellulose	<1 3	
Mineral Wool	<1 3	
Polyethylene	3,	
TERROUG WARREN	र नगण्डन्थल.	55-60 %
TOTAL NON-ASBESTOS NON-FIBROUS MATERIA	5x45444: 55-60 %	
Unspecified Particulates	\$ - 00 s	
	Š	
	3	
$\sim$ $\sim$		
Analyst: Michelle Tex	_ Superviso	or: <b>D</b>
		v with Dispersion
COMMENTS: Analysis employs Polarized in Staining, and is performed by an analys	st qualified un	der the EPA bulk
asbestos proficiency testing program.	Samples with n	o observable

designated as present in "trace" amounts.

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

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

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

### BULK ASBESTOS ANALYSIS REPORT

FOR				
Client: Hazard Management Services, Inc.	Repo	nt Number rt Number Received	r:	7031
P.O. Box 7012 Modesto, CA 95355	Date Date	Examine	d: 04/10.	/88 
Lab Number: 8808986 Sample Number: CHS-46A Site: Chico High School		i	Analyst:	MF
Location: Ag Classroom #2/East Wall -	wall plast	er.		
P.O.: Chico USD				
Gross Description: Off-white plaster as plaster (Asbestos in	sociated w green pla	ith pale (ster).	gresa	
MICROSCOPIC DESCRIPTION:				
TOTAL ASBESTOS PRESENT:			1-5	17.
Chrysotile	1-5	30 etc		
Amosite	<1 <1	** **		
Crocidolita	•	3.		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRI	ESENT:		Trace	M _p
Cellulose	Trace			
Mineral Wool	<1	% %		
Polyethylene	< 1			
TOTAL NON-ASBESTOS NON-FIBROUS MATERIA Unspecified Particulates	L PRESENT: 93-99	9. 08	95-99	¥
		્ર ભ્		
Mile 160 Fax	G	rvisor: ,	$\sim$	
Analyst: (Chou				
COMMENTS: Analysis employs Polarized L	ight Micro	scopy Wi	th Dispe	rsion
Staining, and is performed by an analys	iw salnmes	th no ob	servable	
(<1%) asbestos. Samples in which asbest served, but exist in concentrations of	less than	one perc	sent (<18	ा वास्त

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

### BULK ASBESTOS ANALYSIS REPORT

FOR

P.O. Box 7012 Modesto, CA 95355	Dat Dat	ort Numbe e Receive e Examine	d: 04/10/	703 188 188
			 Analyst:	
Lab Number: 8808987 Sample Number: CHS-46B Site: Chico High School				
Location: Ag Classroom #2/West Wall -	wall plas	ster.		
P.O.: Chico USD				
Gross Description: Pale green plaster	like mate	rial.		
MICROSCOPIC DESCRIPTION:				200 27
DDECEMBER			1-5	95
TOTAL ASBESTOS PRESENT: Chrysotile	1-5	9		
Amosite	< 1	્ક		
Crocidolite	< 1	9 <u>.</u> 3		
0130143140		જ		
TOTAL NON-ASBESTOS FIBROUS MATERIAL P	RESENT:		<1	er V
Cellulose	<1	ર		
Mineral Wool	< 1	ទី		
Polyethylene	< 1	و. ان ان		
		3		
TOTAL NON-ASBESTOS NON-FIBROUS MATERI	AL PRESENT	7:	32-33	•
Unspecified Particulates	95-99	٠,		
		?5 -		
		8		
<i>(</i> }		ું		
and I was	Su	pervisor:	<u>DO</u>	

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

## BULK ASBESTOS ANALYSIS REPORT

FOR				
Client: Hazard Management Services, Inc.	Ren	ort Numl	ber: ber: ved: 04/0	703
P.O. Box 7012 Modesto, CA 95355	Dat Dat	e Exami:	ned: 04/1 	0/88 
Lab Number: 8808988 Sample Number: CHS-46C Site: Chico High School			Analyst	: 111
Location: Ag Classroom #2/West Wall -	· wall plas	ter.		
P.O.: Chico USD				
Gross Description: Pale green plaster	like mate	rial.		
MICROSCOPIC DESCRIPTION:				— —
MICROSCOPIC DESCRIPTION:  TOTAL ASBESTOS PRESENT:  Chrysotile Amosite Crocidolite	1-5 <1 <1	300 av. av. av.	1-5	 *8
TOTAL ASBESTOS PRESENT: Chrysotile Amosite	<1 <1	داره وزي	1-5	<del>-</del> _ <del>-</del> -
TOTAL ASSESTOS PRESENT: Chrysotile Amosite Crocidolite  TOTAL NON-ASSESTOS FIBROUS MATERIAL E Cellulose Mineral Wool	<1 <1 PRESENT: <1 <1 <1	مين مين مين مين مين عين عين	-	

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

## BULK ASBESTOS ANALYSIS REPORT

FOR				1 /
Client: Hazard Management Services, Inc.	Repo	rt Numbe	r: r: d: 04/04/8	1003
P.O. Box 7012 Modesto, CA 95355	Date	Examine	d: 04/10/3	88 
Lab Number: 8308989 Sample Number: CHS-47 Site: Chico High School				
Location: Ag Classroom #2, Women's F	(estroom - p	, straigh	rt.	
P.O.: Chico USD				
Gross Description: Off-white fibrous	wrap.			
MICROSCOPIC DESCRIPTION:				
TOTAL ASBESTOS PRESENT:			< 1	9
Chrysotile	<1	% %		
Amosite	<1	9, 9,		
Crocidolite	<1	ું ક		
TOTAL NAMEDIAL	PRESENT:		90-95	
TOTAL NON-ASBESTOS FIBROUS MATERIAL	90-95	⁹ 3		
Cellulose	<1	ુ		
Mineral Wool	< 1	%		
Polyethylene		ن. ت		
TOTAL NON-ASBESTOS NON-FIBROUS MATE	RIAL PRESENT	:	5-10	
Unspecified Particulates	5-10			
OURDSOLLTS G T G T OF A T		3,		
"		હ		
		ο.		
2		ુ		
analyst: Michaelle For	7	% ervisor	<u> De</u>	<del>-</del>
Analyst: Michalle For			with Dispe	rs:
Analyst: Analysis employs Polarize	ed Light Mich	coscopy '	with Dispert the EPA	rs: bu
Analyst: Analysis employs Polarize Staining, and is performed by an analysis employs Polarize Staining.	ed Light Micalyst qualif	coscopy 'ied unde	observable	<del>)</del>
Analyst: Michalle For	ed Light Micalyst qualif n. Samples as containi	roscopy ied unde with no ng less	observable than one s have been	er 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

F	OR				
Client: Hazard Management Services,  P.O. Box 7012 Modesto, CA 95355	2.1.0	Report Date Re	Number: Number: eceived: xamined:	04/04/ 04/10/	7031 88 88
Modesto, CA 95355				. 3	
Lab Number: 8808990 Sample Number: CHS-48 Site: Chico High School			An	alyst:	Hr
Location: Ag Machine Shop, We	elding Booths -	transi	t panels	•	
P.O.: Chico USD					
Gross Description: Grey transf	ite.				
MICROSCOPIC DESCRIPTION:					<del>-</del>
				L5-20	24
TOTAL ASBESTOS PRESENT:	15.	-20 5	_		,
Chrysotile		-20 :			
Amosite	<1				
Crocidolite	`•	1			
TO THE TOTAL OF THE POLICE MA	MEDIAL PRESENT	•		1 - 5	25
TOTAL NON-ASBESTOS FIBROUS MA	1-	5	8		
Cellulose Mineral Wool	< 1		?		
Polyethylene	<1		[™]		
501 Xe cu A Teure			ر. ت		
TOTAL NON-ASBESTOS NON-FIBROU	IS MARSSTAL PRE	SENT:		75-80	.5.
Unspecified Particulates	75	-80	95 5		
Unspecified raistourass.	•		ુ. ઇ		
			ő		
•			ે <u>.</u>		
$N \sim N$	<u></u>		_		
Analyst: Michalle	100	Superv	150r: <u></u>	<u>x</u>	. <b></b>
	- t	Microsc	opy with	Disper	sion

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

## BULK ASBESTOS ANALYSIS REPORT

EOD.

FOR				
Client: Hazard Management Services, Inc.	Repo Date	Receive	r: d: 04/04/	88
P.O. Box 7012 Modesto, CA 95355	Date		d: 04/10/	
Lab Number: 8808991 Sample Number: CHS-49 Site: Chico High School			Analyst:	ME
Location: Gym, Girl's Locker Room - 2 :	4 ceili	ng panel.		
P.O.: Chico USD				
Gross Description: Grey semi-fibrous mat	terial.			
MICROSCOPIC DESCRIPTION:				
		. —		
TOTAL ASBESTOS PRESENT:			< 1	.,
Chrysotile	<1	ુ		
Amosite	< 1	3		
Crocidolite	< 1	ું જુ		
		5		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRE	ESENT:		30-35	3
TOTAL NON-ASSESTOS FIBROUS MAINAME THE Cellulose	1-5	ું		
Mineral Wool	75-80			
Polyethylene	< 1	ભું છુ		
10110 m 1 = 1		*		
The way atapout Namabia	T. PRESENT	-	13-20	19 Na
TOTAL NON-ASBESTOS NON-FIBROUS MATERIA	15-20	2		
Unspecified Particulates		ુ		
		9,		
		જુ		
$\wedge$				
11/2/2010	Sun	ervisor:	_100_	
Analyst: The Nota	·			
COMMENTS: Analysis employs Polarized L	daht Mic:	oscopy V	ith Dispe	rsi
COMMENTS: Analysis employs Polarized a Staining, and is performed by an analysis	t qualifi	led under	the EPA	bu4
Staining, and is performed by an analysasbestos proficiency testing program.	Samples W	vith no o	bservable	
asbestos proficiency testing program. asbestiform minerals are designated as	containir	ng less t	han one p	ero Sa-
(213) ashestos. Samples in which ashes	stiform mi	inerals h	ave been	/ ⊃ - U −
asbestiform minerals are designated as (<1%) asbestos. Samples in which asbestarved, but exist in concentrations of	tiform mi less than	inerais h n one per	cent (<1%	-цр в (.

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	Repor Date	t Number: t Number: Received: Examined:	04/04/	7031 88
		 An	 alyst:	 HF
Lab Number: 8808992 Sample Number: CHS-50 Site: Chico High School				
Location: Gym Attic, Girl's Locker Room,	no side	- pu stra	aight.	
P.O.: Chico USD				
Gross Description: White fibrous material	•			
MICROSCOPIC DESCRIPTION:				
The agrance present.			50-53	$\mathcal{Z}_{2}^{i}$
TOTAL ASBESTOS PRESENT: Chrysotile	50-55			
Amosite	<1 <1	એ સુ		
Crocidolite	< <u>.</u>	ું કુ		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESE	ENT :		Прасе	a Ng
Callulose	Trace	°5		
Mineral Wool	<1 <1	<b>્</b> લ		
Polyethylene		ર		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL	PRESENT:		45-50	<i>:</i>
Unspecified Particulates	45-50	9, 10 9, 19		
		9 8		
		5		
$ A   A  \leq  A $			$\sim$	
Analyst: Thele	Supe	rvisor: 🚤		

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

Client:	FOR				
Hazard Managemer	nt Services, Inc.	Repo	rt Number:		7031
P.O. Box 7012 Modesto, CA 9533	55	Date	Received: Examined:		
Lab Number: 886 Sample Number: CHS Site: Chico High	08993 5-51		An	alyst:	ME.
Location: Gym Boi	.ler Room - tank	wrap.			
P.O.: Chico USD					
Gross Description:	Green/Brown spo grey powder (as			ith	
MICROSCOPIC DESCRI	PTION:			va va va e	e an use
TOTAL ASSESTOS PRE	ISENT:			<del>-</del> 5	2
Chrysotile Amosite		<1 1-5			
Amosite Crocidolite		1-5 <1	्र		
01001401165			3 3		
TOTAL NON-ASBESTOS	FIBROUS MATERIA	L PRESENT:	ıū	race	(1) ₂
Cellulose		Trace	٠ <u>.</u> ن		
Mineral Wool		< 1	ક		
Polyethylene		< 1	9. 9.		
TOTAL NON-ASBESTOS		ERIAL PRESENT:	9	5-99	3
Unspecified B	Particulates	95-99	3		
•			<b>्र</b> <b>9</b> 9		
			% %		
$\Delta$			U		
Analyst:	us/rox	Super	visor: 🔊		

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: 8808994 Analyst: MF Sample Number: CHS-52 Site: Chico High School Location: Gym Boiler Room - pw corner - mudded. P.O.: Chico USD

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:			5-13	3
Chrysotile	5-10	8		
Amosite	< <u>1</u>	Š		
Crocidolite	< 1	8		
		9		
TOTAL NON-ASBESTOS FIBROUS MATERIAL	PRESENT:		5Ø <b>-</b> 60	3.
Cellulose	1 - 5	o_ 5	<u> </u>	0
Mineral Wool	50-55	3		
Polyethylene	<1	9.		
Synthetic Fibers	Trace	2,		
	ILGUE	**		
TOTAL NON-ASBESTOS NON-FIBROUS MATER	RIAL PRESENT:		35-40	٠.
Unspecified Particulates	35-40	3		
		Š		
		ه. ت		
<u> </u>		0		

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: 7031 P.O. Box 7012 Date Received: 04/04/88 Modesto, CA 95355 Date Examined: 04/10/88 Lab Number: 8808993 Analyst: MF Sample Number: CHS-53 Site: Chico High School Location: Gym Boiler Room - boiler insulation - inside metal panels. P.O.: Chico USD Gross Description: Off-white, fibrous insulation. MICROSCOPIC DESCRIPTION: TOTAL ASBESTOS PRESENT. Chrysotile < 1 Amosite < 1Crocidolita < 1 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: 90-95 Cellulose Trace Mineral Wool 90-95 ું Polyethylene < 1 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: 5-10 Unspecified Particulates 5-10 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 asbesstiform minerals are designated as containing less than one perceent (<<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

Date Date	ort Numi e Receir e Examin	ved: 04 ned: 04 	/04/88
t.			st: MF
rap.			
rap.			
<b></b>			
<b></b>			
		25-99	<b>3</b> 3
_			
`	, s		
NT:		< 1	į,
=	3		
< 1	ેં •ું		
RESENT:		10-19	5 %
	3		
	9. 3		
	73		
S1110 0 10		<b>D</b>	
 	AT201:		·
	<pre>&lt;1 &lt;1 NT: &lt;1 &lt;1 &lt;1 &lt;1 Super  Indicate  Micros  Indicate  Indi</pre>	<pre> &lt;1</pre>	85-90 % <1 % <1 %  NT: <2 <1 % <1 % <1 % <1 % <1 % <1 % <1 % <1 %

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: 8808997 Analyst: MF Sample Number: CHS-55 Site: Chico High School Location: Kitchen, MPR Floor - 9" VFT - gray. P.O.: Chico USD Gross Description: Gray, floor tile associated with black, has adhesive (asbestos in tile only). MICROSCOPIC DESCRIPTION: TOTAL ASBESTOS PRESENT: 1-5 Chrysotile 1-5 Amosite < 1 Crocidolite <1 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT: 1 - 5 Cellulose Mineral Wool <1Polyethylene < 1 TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT: 95-39 Unspecified Particulates 9 3 COMMENTS: Analysis employed Polarized Light Microscopy with Dispersion Staining, and is performed by an analyst qualified under the EPA bulk