

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 ACBM BY BUILDING

CDS CODE

04 61424 0431676

SC-SGL
CHICO SENIOR HIGH SCHOOL

SCHOOL PHONE NUMBER

() 916 891-3026

ADDRESS
901 ESPLANADE

(Street)

(City)
CHICO(Zip Code)
95926

NUMBER OF BUILDINGS - 13

LINE	BUILDING NAME (Indicate Address if Different From Above)	CHECK ONE				
		ACBM		ASSUMED ACBM		
		NONE	FRIABLE	NON-FRIABLE	FRIABLE	NON-FRIABLE
1.	200			X		X
2.	100			X		X
3.	300			X		X
4.	400			X		
5.	500			X		X
6.	S		X	X		X
7.	700		X	X	X	X
8.	1000			X		
9.	1100		X	X		
10.	900		X	X		
11.	800			X		X
12.	GREENHOUSE	X				
12.	STORAGE	X				
14.						
15.						
16.						
17.						
18.						
19.						
20.						

HOMOGENEOUS MATERIAL RECORDS

DISTRICT Chico Unified SCHOOL Chico High School

ADDRESS _____

BLDG.	MAT. CLASS.	MATERIAL	HOMOG. MAT.#	SAMPLE NUMBER	LOCATION	% ASBESTOS	FOOTAGE FT ² OF LF	FRIABLE YES	FRIABLE NO
200	misc	FCP	01	01	Reception Area	<1	5,735 ϕ		X
200	misc	Beige 12" VFT	02	02	Reception Area	Trace	5,735 ϕ		X
200	misc	ACT	03	03	A-106	<1	3,550 ϕ		X
200	misc	Boards + glue	04	04	1st floor office Area	<1	265 ϕ		X
200	surf	Duxwall	05	05A-E	1st floor	<1	over 10,000 ϕ		X
					2nd floor	<1	ϕ		X
200	misc	FCP	06	06	Classroom Areas	<1	710,000 ϕ		X
200	TSE	mud JNT	07	07	Dark Rm Attic	5-10	20 JNTS		X
200	misc	mesh wrap	08	08	Dark Rm Attic	15-20	1/2 lf		X

Forensic Analytical Specialties, Inc.

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: 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:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1 %
<1 %
<1 %

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

15-20 %
70-75 %
<1 %

90-95 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

5-10 %
%
%
%

5-10 %

Analyst:

Michelle J. Fox

Supervisor:

DE

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

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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: 8808932
Sample Number: CHS-02
Site: Chico High School.

Location: Administration Reception Area, Building A-1 (Main) -
beige 12" vinyl floor tile.
P.O.: Chico USD

Gross Description: Beige floor tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

Trace
<1
<1

%
%
%
%

Trace %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

Trace
<1
<1

%
%
%
%

Trace %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

98-99

%
%
%
%

98-99 %

Analyst:

Michelle J. Fay

Supervisor:

[Signature]

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.

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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: 8808933
Sample Number: CHS-03
Site: Chico High School.

Location: Administration A-106, ceiling tile 12" - acoustic.

P.O.: Chico USD

Gross Description: Off-white, fibrous ceiling tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1
<1
<1

%
%
%

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

90-95
<1
<1

%
%
%

90-95 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

5-10

%
%
%
%

5-10 %

Analyst:

Michelle J. Fox

Supervisor:

[Signature]

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.

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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.

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: 8808934
Sample Number: CHS-04
Site: Chico High School.

Location: Administration Office Area - baseboard and glue.

P.O.: Chico USD

Gross Description: Gray vinyl tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:		<1	%
Chrysotile	<1	%	
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	98-99	%	

Analyst:

Michelle J. Fox

Supervisor:

DE

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.

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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: 8808935
Sample Number: CHS-05A
Site: Chico High School.

Location: Administration Office A-102 - drywall.

P.O.: Chico USD

Gross Description: White drywall.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1 %
<1 %
<1 %

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

5-10 %
<1 %
<1 %

5-10 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

90-95 %
90-95 %
90-95 %
90-95 %

90-95 %

Analyst:

Michelle Fox

Supervisor:

de

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.

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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: 8808936
Sample Number: CHS-06
Site: Chico High School.

Location: Main Building, Classroom A130 - 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:		90-95	%
Cellulose	15-20	%	
Mineral Wool	70-75	%	
Polyethylene	<1	%	
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:		5-10	%
Unspecified Particulates	5-10	%	

Analyst:

Michelle J. Fox

Supervisor:

MF

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.

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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: 8808937
Sample Number: CHS-05B
Site: Chico High School.

Location: Main Building, A-124, Office Restroom Area - drywall.

P.O.: Chico USD

Gross Description: White drywall.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1 %
<1 %
<1 %

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

15-20 %
1-5 %
<1 %

20-25 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

75-80 %
75-80 %
75-80 %
75-80 %

75-80 %

Analyst:

Michelle Fox

Supervisor:

JC

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.

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FOR

Client:
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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: 8808938
Sample Number: CHS-05C
Site: Chico High School.

Location: Main Building, Room 114 - drywall.

P.O.: Chico USD

Gross Description: White drywall.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1
<1
<1

%
%
%
%

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

15-20
1-5
<1

%
%
%
%

20-25 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

75-80

%
%
%
%
%

75-80 %

Analyst:

Michelle J. Fox

Supervisor:

[Signature]

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.

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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: 8808939
Sample Number: CHS-05D
Site: Chico High School.

Location: Secretary's Office, A-113 - drywall.

P.O.: Chico USD

Gross Description: White drywall.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%
Amosite	<1	%
Crocidolite	<1	%

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	15-20	%
Mineral Wool	1-5	%
Polyethylene	<1	%

20-25 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	75-80	%
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75-80 %

Analyst:

Michelle Fox

Supervisor:

de

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.

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

Analyst: MF

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	1-5	%
Amosite	<1	%
Crocidolite	1-5	%

5-10 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	1-5	%
Mineral Wool	50-55	%
Polyethylene	<1	%

50-60 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	35-40	%
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35-40 %

Analyst:

Michelle Fox

Supervisor:

De

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.

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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: 8808941
Sample Number: CHS-08
Site: Chico High School

Analyst: MF

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

P.O.: Chico USD

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:		15-20	%
Chrysotile	15-20	%	
Amosite	<1	%	
Crocidolite	<1	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		15-20	%
Cellulose	15-20	%	
Mineral Wool	<1	%	
Polyethylene	<1	%	
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:		60-70	%
Unspecified Particulates	60-70	%	

Analyst:

Michelle Fox

Supervisor:

oe

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.

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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: 8808942
Sample Number: CHS-09
Site: Chico High School

Analyst: MF

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

Analyst:

Michelle Fox

Supervisor:

de

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.

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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: 8808943
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:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1
<1
<1

%
%
%

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

Trace
95-99
<1

%
%
%

95-99 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

1-5

%
%
%

1-5 %

Analyst:

Michelle Fox

Supervisor:

[Signature]

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.

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

Analyst: MF

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:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1
<1
<1

%
%
%

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

10-15
75-80
<1

%
%
%

90-95 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

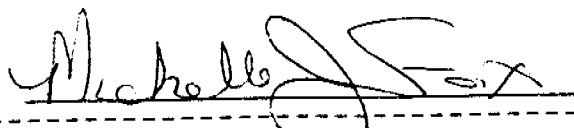
Unspecified Particulates

5-10

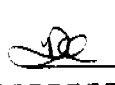
%
%
%
%

5-10 %

Analyst:



Supervisor:



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

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

Analyst: MF

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

P.O.: Chico USD

Gross Description: White, plaster-like material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	<1	%
Amosite	<1	%		
Crocidolite	<1	%		

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	1-5	%	10-15	%
Mineral Wool	5-10	%		
Polyethylene	<1	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	85-90	%	35-90	%
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Analyst:

Michelle J. Fox

Supervisor:

[Signature]

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.

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

Analyst: MF

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

P.O.: Chico USD

Gross Description: White, plaster-like material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1
<1
<1

%
%
%
%

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

1-5
<1
<1

%
%
%
%

1-5 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

95-99

%
%
%
%

95-99 %

Analyst:



Supervisor:



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

Forensic Analytical Specialties, Inc.

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: 8808947
Sample Number: CHS-12C
Site: Chico High School

Analyst: MF

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

P.O.: Chico USD

Gross Description: White, plaster-like material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1
<1
<1

%
%
%

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

1-5
<1
<1

%
%
%

1-5 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

95-99

%
%
%
%

95-99 %

Analyst:

Michelle Fox

Supervisor:

DE

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.

Forensic Analytical Specialties, Inc.

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: 8808948
Sample Number: CHS-13
Site: Chico High School

Analyst: MF

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:

Chrysotile	<1	%	<1	%
Amosite	<1	%		
Crocidolite	<1	%		

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	15-20	%	90-95	%
Mineral Wool	70-75	%		
Polyethylene	<1	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	5-10	%	5-10	%
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Analyst:

Michelle Fox

Supervisor:

[Signature]

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.

Forensic Analytical Specialties, Inc.

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: 8808949
Sample Number: CHS-14
Site: Chico High School

Analyst: MF

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	1-5	%	1-5	%
Amosite	<1	%		
Crocidolite	<1	%		

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	1-5	%	1-5	%
Mineral Wool	<1	%		
Polyethylene	<1	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	95-99	%	95-99	%
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Analyst:

Michelle J. Fay

Supervisor:

[Signature]

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.

Forensic Analytical Specialties, Inc.

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: 8808950

Sample Number: CHS-15

Site: Chico High School

Analyst: MF

Location: Wing C Hallways, 12" ceiling tile.

P.O.: Chico USD

Gross Description: Off-white, fibrous ceiling tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile

<1

<1 %

Amosite

<1

Crocidolite

<1

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose

90-95

90-95 %

Mineral Wool

<1

Polyethylene

<1

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

5-10

5-10 %

Analyst:

Michelle Fox

Supervisor:

[Signature]

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.

Forensic Analytical Specialties, Inc.

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: 8808951
Sample Number: CHS-16
Site: Chico High School

Analyst: MF

Location: Room B-8 Wall - glue (used behind chalkboard).

P.O.: Chico USD

Gross Description: Brown, glue adhesive.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:			<1	%
Chrysotile	<1	%		
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	98-99	%		

Analyst:

David Valone

Supervisor:

DE

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.

Forensic Analytical Specialties, Inc.

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: 8808952

Analyst: MF

Sample Number: CHS-17

Site: Chico High School

Location: Library Building, Theatre - L12, 13, 14 - 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:

90-95 %

Cellulose

15-20 %

Mineral Wool

70-75 %

Polyethylene

<1 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

5-10 %

Unspecified Particulates

5-10 %

Analyst:

Daniel Valhane for

Supervisor:

DE

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.

Forensic Analytical Specialties, Inc.

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: 8808953
Sample Number: CHS-18
Site: Chico High School

Analyst: MF

Location: Building L, Student Govt. Room - linoleum.

P.O.: Chico USD

Gross Description: Off-white, linoleum, floor tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	<1	%
Amosite	<1	%		
Crocidolite	<1	%		
		%		

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	Trace	%	Trace	%
Mineral Wool	<1	%		
Polyethylene	<1	%		
		%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	98-99	%	98-99	%
		%		
		%		
		%		

Analyst: Daniel Kabanoff

Supervisor: [Signature]

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.

Forensic Analytical Specialties, Inc.

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: 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:

Chrysotile

5-10

%

5-10

%

Amosite

<1

%

Crocidolite

<1

%

%

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose

Trace

%

60-65

%

Mineral Wool

60-65

%

Polyethylene

<1

%

%

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

25-35

%

25-35

%

%

%

%

Analyst:

David Valance for MF

Supervisor:

DE

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.

Forensic Analytical Specialties, Inc.

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: 8808955

Sample Number: CHS-20A

Site: Chico High School

Analyst: MF

Location: Library Building Walls - drywall.

P.O.: Chico USD

Gross Description: White drywall.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	<1	%
Amosite	<1	%		
Crocidolite	<1	%		

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	30-35	%	35-40	%
Mineral Wool	1-5	%		
Polyethylene	<1	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	60-65	%	60-65	%
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Analyst:

David Valhane for MF

Supervisor:

DO

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.

Forensic Analytical Specialties, Inc.

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: 8808956

Sample Number: CHS-20B

Site: Chico High School

Analyst: MF

Location: Library Building Walls - drywall.

P.O.: Chico USD

Gross Description: White drywall.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	<1	%
Amosite	<1	%		
Crocidolite	<1	%		
		%		

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	35-40	%	40-45	%
Mineral Wool	1-5	%		
Polyethylene	<1	%		
		%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	55-60	%	55-60	%
		%		
		%		
		%		

Analyst:

David Kahane for MF

Supervisor:

DL

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.

Forensic Analytical Specialties, Inc.

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: 8808957

Sample Number: CHS-20C

Site: Chico High School

Analyst: MF

Location: Library Building Walls - drywall.

P.O.: Chico USD

Gross Description: White drywall.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	<1	%
Amosite	<1	%		
Crocidolite	<1	%		

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	75-80	%	80-85	%
Mineral Wool	1-5	%		
Polyethylene	<1	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	15-20	%	15-20	%
--------------------------	-------	---	-------	---

Analyst:

David Valiani for MF

Supervisor:

De

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.

Forensic Analytical Specialties, Inc.

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: 8808958

Analyst: MF

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	75-80	%	75-80	%
Amosite	<1	%		
Crocidolite	<1	%		
		%		

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	<1	%	<1	%
Mineral Wool	<1	%		
Polyethylene	<1	%		
		%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	20-25	%	20-25	%
		%		
		%		
		%		

Analyst:

David Volante for MF

Supervisor:

DO

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.

Forensic Analytical Specialties, Inc.

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: 8808959

Sample Number: CHS-22

Site: Chico High School

Analyst: MF

Location: S-3 - 2 x 4 ceiling panel.

P.O.: Chico USD

Gross Description: Off-white, fibrous ceiling tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	<1	%
Amosite	<1	%		
Crocidolite	<1	%		
		%		

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	10-15	%	25-35	%
Mineral Wool	15-20	%		
Polyethylene	<1	%		
		%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	25-30	%	65-75	%
Perlite	40-45	%		
		%		
		%		

Analyst:

David L. Valdez for MF

Supervisor:

MF

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.

Forensic Analytical Specialties, Inc.

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: 8808960

Analyst: MF

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:

Chrysotile	5-10	%
Amosite	<1	%
Crocidolite	<1	%

5-10 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	Trace	%
Mineral Wool	55-65	%
Polyethylene	<1	%

55-65 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	30-35	%
--------------------------	-------	---

30-35 %

Analyst:

David Valiana for MF

Supervisor:

DC

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.

Forensic Analytical Specialties, Inc.

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: 8808961
Sample Number: CHS-24
Site: Chico High School

Analyst: MF

Location: Science Building S-4 - 9" VFT.

P.O.: Chico USD

Gross Description: Off-white, floor tile associated with black,
tar adhesive (asbestos in both).

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	1-5	%
Amosite	<1	%
Crocidolite	<1	%

1-5 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	1-5	%
Mineral Wool	<1	%
Polyethylene	<1	%

1-5 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	90-95	%
--------------------------	-------	---

90-95 %

Analyst: David Valhane for MF

Supervisor: DE

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.

Forensic Analytical Specialties, Inc.

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: 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 tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	<1	%
Amosite	<1	%		
Crocidolite	<1	%		

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	Trace	%	Trace	%
Mineral Wool	<1	%		
Polyethylene	<1	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	98-99	%	98-99	%
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Analyst: Saul Kahan for MF

Supervisor: MF

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.

Forensic Analytical Specialties, Inc.

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: 8808963
Sample Number: CHS-26
Site: Chico High School

Analyst: MF

Location: S-5 Storage Room - pipewrap.

P.O.: Chico USD

Gross Description: Gray, fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	65-70	%
Amosite	65-70	%		
Crocidolite	<1	%		

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	1-5	%	1-5	%
Mineral Wool	<1	%		
Polyethylene	<1	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	25-30	%	25-30	%
--------------------------	-------	---	-------	---

Analyst:

David Kahan for MF

Supervisor:

DC

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.