

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: 7390

Date Received: 04/14/88

Date Examined: 04/24/88

Lab Number: 8811073

Sample Number: CHI-CJH-19

Site:

Analyst: BT

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Tan vinyl, floor tile and tar mastic
(Asbestos in both).

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	5-10	%	5-10	%
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	85-90	%	85-90	%
		%		
		%		
		%		

Analyst:

Boyd Taylor

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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Modesto, CA 95355

Client Number: 146

Report Number: 7390

Date Received: 04/14/88

Date Examined: 04/24/88

Lab Number: 8811074

Sample Number: CHI-CJH-20

Site:

Analyst: BT

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Tan vinyl, floor tile pieces.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	5-10	%	5-10	%
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	90-95	%	90-95	%
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Analyst:

Boyd Taylor

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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Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Lab Number: 8811075
Sample Number: CHI-CJH-21
Site:

Analyst: BT

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Ceiling tile composed of white paint over tan fibers.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	85-90	%	85-90	%
Mineral Wool	<1	%		
Polyethylene	<1	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	10-15	%	10-15	%
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Analyst: Boyd Taylor

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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Client: FOR
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Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Lab Number: 8811076
Sample Number: CHI-CJH-22
Site:

Analyst: BT

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Light brown, vinyl floor tile pieces.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	5-10	%	5-10	%
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	90-95	%	90-95	%
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Analyst:

Byrd Taylor

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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Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Analyst: BT

Lab Number: 8811077
Sample Number: CHI-CJH-23
Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: San-colored, vinyl floor tile pieces.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

5-10 %

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	85-90	%
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85-90 %

Analyst:

Boyd Taylor

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.

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Client:
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Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Analyst: BT

Lab Number: 8811078
Sample Number: CHI-CJH-24
Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Gray, vinyl floor tile and tar mastic
(Asbestos in both).

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

1-5 %
<1 %
<1 %
%

1-5 %

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

90-95 %
90-95 %
%
%

90-95 %

Analyst:

Boyd Taylor

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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Client:
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Modesto, CA 95355

Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Analyst: BT

Lab Number: 8211079
Sample Number: CHI-CJH-25
Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Tan vinyl over layer of fibrous tar, over
primer/sealant

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

5-10 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	90-95	%
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90-95 %

Analyst:

Boyd Taylor

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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Modesto, CA 95355

Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Analyst: BT

Lab Number: 8811080
Sample Number: CHI-CJH-26A
Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Green cloth plug over white fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

5-10
35-40
<1

%
%
%
%

40-50 %

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

45-55

%
%
%
%

45-55 %

Analyst:

Boyd Taylor

Supervisor:

BT

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: 7539

Date Received: 04/19/88

Date Examined: 04/26/88

Lab Number: 8811808

Sample Number: CHI-CJH-26B

Site:

Analyst: HF

Location:

P.O.: Chico Junior High School.

Gross Description: Gray fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile

30-35

3

20-25

2

Amosite

<1

3

Crocidolite

<1

1

3

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose

1-5

3

1-3

3

Mineral Wool

<1

3

Polyethylene

<1

1

3

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

10-15

1

10-15

3

3

3

3

3

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.

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

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Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Analyst: BT

Lab Number: 8811081
Sample Number: CHI-CJH-27
Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Brown floor tile chips and tar mastic
(Asbestos in both).

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

5-10 %

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	85-90	%
--------------------------	-------	---

85-90 %

Analyst:

Boyd Taylor

Supervisor:

BT

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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Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Analyst: BT

Lab Number: 8811082
Sample Number: CHI-CJH-23
Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Ceiling tile material consisting of off-white compressed fibers.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1 %
<1 %
<1 %

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

35-40 %
35-40 %
<1 %

70-80 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates
Perlite

10-15 %
10-15 %

20-30 %

Analyst:

Boyd Taylor

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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Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Analyst: BT

Lab Number: 8811083
Sample Number: CHI-CJH-29A
Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Tan and white fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	10-15	%	60-70	%
Amosite	50-55	%		
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	30-40	%	30-40	%
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Analyst:

Boyd Taylor

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.

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Client:
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Modesto, CA 95355

Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Analyst: BT

Lab Number: 8811084
Sample Number: CHI-CJH-29B
Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Blue-gray cloth plug over white and gray
layers of fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	10-15	%	60-70	%
Amosite	50-55	%		
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	25-35	%	25-35	%
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Analyst: Boyd Taylor

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.

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Modesto, CA 95355

Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Analyst: BT

Lab Number: 8811086
Sample Number: CHI-CJH-29C
Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: White fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	1-5	%
Amosite	50-55	%
Crocidolite	<1	%

55-60 %

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	35-40	%
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35-40 %

Analyst:

Boyd Taylor

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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Client:
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Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Analyst: BT

Lab Number: 8811085
Sample Number: CHI-CJH-30
Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: White fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

10-15 %
50-55 %
<1 %
%

60-70 %

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

25-35 %
%
%
%

25-35 %

Analyst:

Boyd Taylor

Supervisor:

JE

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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Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Lab Number: 8811087
Sample Number: CHI-CJH-31
Site:

Analyst: BT

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Blue-gray paint over white fibrous wrap.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	35-40	%
Amosite	<1	%
Crocidolite	<1	%

35-40 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

35-40 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	20-30	%
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20-30 %

Analyst:

Boyd Taylor

Supervisor:

JE

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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Client:
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Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Analyst: BT

Lab Number: 8811089
Sample Number: CHI-CJH-32
Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Plaster and sheet rock crumbs.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	<1
Amosite	<1
Crocidolite	<1

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	15-20
Mineral Wool	<1
Polyethylene	<1

15-20 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	80-85
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80-85 %

Analyst:

Boyd Taylor

Supervisor:

JD

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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Client Number: 146
Report Number: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Analyst: BT

Lab Number: 8811090
Sample Number: CHI-CJH-33A
Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: White fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	10-15	%
Amosite	50-55	%
Crocidolite	<1	%

60-70 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

<1 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	30-40	%
--------------------------	-------	---

30-40 %

Analyst:

Boyd Taylor

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: 7390

Date Received: 04/14/88

Date Examined: 04/24/88

Lab Number: 8811092
Sample Number: CHI-CJH-33B
Site:

Analyst: BT

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: White fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	10-15	%
Amosite	50-55	%
Crocidolite	<1	%

50-70 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

<1 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	30-40	%
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30-40 %

Analyst:

Boyd Taylor

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: 7390

Date Received: 04/14/88

Date Examined: 04/24/88

Lab Number: 8811093
Sample Number: CHI-CJH-33C
Site:

Analyst: BT

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Tan and white fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	5-10	%
Amosite	45-50	%
Crocidolite	<1	%

50-60 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

<1 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	40-50	%
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40-50 %

Analyst:

Boyd Taylor

Supervisor:

BT

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: 7390
Date Received: 04/14/88
Date Examined: 04/24/88

Lab Number: 8811091
Sample Number: CHI-CJH-34
Site:

Analyst: BT

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: Tan and white fibrous wrap.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	45-50	%
Amosite	<1	%
Crocidolite	<1	%

45-50 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

35-40 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	10-20	%
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10-20 %

Analyst:

Boyd Taylor

Supervisor:

SC

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: 7390

Date Received: 04/14/88

Date Examined: 04/24/88

Lab Number: 8811094
Sample Number: CHI-CJH-35A
Site:

Analyst: BT

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: White fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	15-20	%
Amosite	45-50	%
Crocidolite	<1	%

50-70 %

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	25-35	%
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25-35 %

Analyst:

Byrd Taylor

Supervisor:

BT

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: 7390

Date Received: 04/14/88

Date Examined: 04/24/88

Lab Number: 8811095

Sample Number: CHI-CJH-35B

Site:

Analyst: BT

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: White fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	15-20	%	60-70	%
Amosite	45-50	%		
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	30-40	%	30-40	%
		%		
		%		
		%		

Analyst: Boyd Taylor

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: 7390

Date Received: 04/14/88

Date Examined: 04/24/88

Lab Number: 8811096

Analyst: BT

Sample Number: CHI-CJH-35C

Site:

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: White fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	15-20	%
Amosite	45-50	%
Crocidolite	<1	%

60-70 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

<1 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	30-40	%
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30-40 %

Analyst:

Boyd Taylor

Supervisor:

BT

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: 7390

Date Received: 04/14/88

Date Examined: 04/24/88

Lab Number: 8811097

Sample Number: CHI-CJH-36

Site:

Analyst: BT

Location:

P.O.: Chico Unified School District - Chico Junior High

Gross Description: White and rust-colored fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	5-10	%	20-30	%
Amosite	15-20	%		
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	70-80	%	70-80	%
		%		
		%		
		%		

Analyst:

Byrd Taylor

Supervisor:

MC

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.