

INSPECTION DOCUMENTS


LEA: CHICO UNIFIED SCHOOL DISTRICT

SCHOOL: CITRUS ELEMENTARY

DATE OF INSPECTION: MARCH 31, 1988

INSPECTOR: JAMES E SHARP

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


*(name of inspector)

SCHOOL CITRUS ELEMENTARY

DATE _____

APPLICATION NO.

SITE SUMMARY
GRADES SERVED AT THIS SCHOOL

[illegible]

PREPARED BY: THOMSON & HENDRICKS /ARCHITECTS & PLANNERS/ (916) 342-5669 234 WEST THIRD STREET CHICO, CALIF.. 95928

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: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810527

Analyst: MF

Sample Number: CIT-01

Site: Citrus - Chico Unified School District.

Location: Unit "B" - Room #15 (Class Room), 9" vinyl floor tile.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white floor tile associated with a 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	%
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90-95 %

Analyst:

Michelle Fox

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.

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Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810528

Sample Number: CIT-02

Site: Citrus - Chico Unified School District.

Analyst: MF

Location: Unit "B" - Room #15 (Class Room), 2x4 ceiling panel.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white fibrous ceiling tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	20-25	%
Mineral Wool	60-65	%
Polyethylene	<1	%

85-90 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	10-15	%
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10-15 %

Analyst:

Michelle Far

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: 7275
Date Received: 04/09/88
Date Examined: 04/12/88

Analyst: MF

Lab Number: 8810529
Sample Number: CIT-03
Site: Citrus - Chico Unified School District.

Location: Unit "B" - Class Room #15, pressboard.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white fibrous wall board.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:			<1	%
Chrysotile	<1	%		
Amosite	<1	%		
Crocidolite	<1	%		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			90-95	%
Cellulose	80-85	%		
Mineral Wool	5-10	%		
Polyethylene	<1	%		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:			5-10	%
Unspecified Particulates	5-10	%		

Analyst:

Michelle J. Fay

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.

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BULK ASBESTOS ANALYSIS REPORT

FOR

Client:
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P.O. Box 7012
Modesto, CA 95355

Client Number: 146
Report Number: 7275
Date Received: 04/09/88
Date Examined: 04/12/88

Lab Number: 8810530
Sample Number: CIT-04A
Site: Citrus - Chico Unified School District.

Analyst: MF

Location: Unit "B" - Library, drywall.

P.O.: Citrus - Chico Unified School District

Gross Description: White dry wall.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:			<1	%
Chrysotile	<1	%		
Amosite	<1	%		
Crocidolite	<1	%		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			10-15	%
Cellulose	1-5	%		
Mineral Wool	5-10	%		
Polyethylene	<1	%		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:			85-90	%
Unspecified Particulates	85-90	%		

Analyst:

Michelle J. Fox

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.

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P.O. Box 7012
Modesto, CA 95355

Client Number: 146
Report Number: 7275
Date Received: 04/09/88
Date Examined: 04/12/88

Lab Number: 8810531
Sample Number: CIT-04B
Site: Citrus - Chico Unified School District.

Analyst: MF

Location: Unit "B" - Class Room #13, wall material.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white fibrous wall board associated with
an off white vinyl coating.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	80-85	%
Mineral Wool	Trace	%
Polyethylene	<1	%

80-85 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	15-20	%
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15-20 %

Analyst:

Michelle J. Fox

Supervisor:

AC

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: 7275
Date Received: 04/09/88
Date Examined: 04/12/88

Lab Number: 8810532
Sample Number: CIT-04C
Site: Citrus - Chico Unified School District.

Analyst: MF

Location: Unit "B" - Room #16, wall material.

P.O.: Citrus - Chico Unified School District

Gross Description: White dry wall associated with an off white
fibrous wall board.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

35-40 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	60-65	%
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60-65 %

Analyst:

Michelle J. Fox

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.

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Modesto, CA 95355

Client Number: 146

Report Number: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810533

Analyst: MF

Sample Number: CIT-05

Site: Citrus - Chico Unified School District.

Location: Unit "B" - Library Work Room/Speech Room, 12" acoustic tile.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white fibrous ceiling tile associated with white drywall.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

<1 %

Chrysotile

<1 %

Amosite

<1 %

Crocidolite

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

70-75 %

Cellulose

65-70 %

Mineral Wool

1-5 %

Polyethylene

<1 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

25-30 %

Unspecified Particulates

25-30 %

Analyst:

Michelle Fox

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.

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BULK ASBESTOS ANALYSIS REPORT

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Client:

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P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810534

Analyst: MF

Sample Number: CIT-06A

Site: Citrus - Chico Unified School District.

Location: Unit "A" - Heater Room, drywall.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white fibrous wall board associated with white drywall.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

<1 %

Chrysotile

<1 %

Amosite

<1 %

Crocidolite

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

10-15 %

Cellulose

1-5 %

Mineral Wool

5-10 %

Polyethylene

<1 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

85-90 %

Unspecified Particulates

85-90 %

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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Modesto, CA 95355

Client Number: 146

Report Number: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810536

Analyst: MF

Sample Number: CIT-06B

Site: Citrus - Chico Unified School District.

Location: Unit "A" - Room #18 & 19 (RR), drywall.

P.O.: Citrus - Chico Unified School District

Gross Description: White dry wall.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	90-95	%	90-95	%
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Analyst: Michelle Fox

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.

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Modesto, CA 95355

Client Number: 146

Report Number: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810537

Sample Number: CIT-06C

Site: Citrus - Chico Unified School District.

Analyst: MF

Location: Unit "A" - Room #17 - 20 Kindergarten, drywall.

P.O.: Citrus - Chico Unified School District

Gross Description: White dry wall.

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	%
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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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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: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810535

Analyst: MF

Sample Number: CIT-07

Site: Citrus - Chico Unified School District.

Location: Unit "A" - Kindergarten Room #18, dark-green linoleum.

P.O.: Citrus - Chico Unified School District

Gross Description: Brown dirt-covered linoleum floor tile
associated with a gray fibrous backing.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	40-45	%	45-50	%
Mineral Wool	1-5	%		
Polyethylene	<1	%		
		%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	50-55	%	50-55	%
		%		
		%		
		%		

Analyst:

Michelle Fox

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.

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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: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810538

Analyst: MF

Sample Number: CIT-08

Site: Citrus - Chico Unified School District.

Location: Unit "C" - Storage Room in Basement, pw straight.

P.O.: Citrus - Chico Unified School District

Gross Description: White fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile

10-15

%

40-50

%

Amosite

30-35

%

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

45-50

%

45-50

%

Analyst:

Michelle Fox

Supervisor:

A

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: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810539

Analyst: MF

Sample Number: CIT-09

Site: Citrus - Chico Unified School District.

Location: Unit "D" - Main Boiler Room, small diameter joint.

P.O.: Citrus - Chico Unified School District

Gross Description: Beige fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	45-50	%
Vermiculite	30-35	%

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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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: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810540

Analyst: MF

Sample Number: CIT-10

Site: Citrus - Chico Unified School District.

Location: Unit "O" - Main Boiler Room, large diameter joint.

P.O.: Citrus - Chico Unified School District

Gross Description: White fibrous powder, associated with a beige fibrous powder (asbestos appears located in the white powder).

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	10-15	%	25-35	%
Amosite	15-20	%		
Crocidolite	<1	%		

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	10-15	%	15-25	%
Mineral Wool	5-10	%		
Polyethylene	<1	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	50-60	%	50-60	%
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Analyst:

Michelle Far

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.

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BULK ASBESTOS ANALYSIS REPORT

FOR

Client:

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P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810541

Analyst: MF

Sample Number: CIT-11

Site: Citrus - Chico Unified School District.

Location: Unit "D" - Main Boiler Room, pw straight/large
diameter.

P.O.: Citrus - Chico Unified School District

Gross Description: White fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	Trace	%	65-75	%
Mineral Wool	30-35	%		
Polyethylene	<1	%		
Synthetic Fibers	35-40	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	25-35	%	25-35	%
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Analyst:

Michelle Fox

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.

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Client Number: 146

Report Number: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810542

Analyst: MF

Sample Number: CIT-12A

Site: Citrus - Chico Unified School District.

Location: Unit "D" - Green Linoleum.

P.O.: Citrus - Chico Unified School District

Gross Description: Green linoleum floor tile associated with a black tar adhesive.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	55-60	%	55-60	%
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Analyst:

Michelle J. Fax

Supervisor:

DR

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

Client:

FOR

Hazard Management Services, Inc.

P.O. Box 7012
Modesto, CA 95355

Client Number: 146
Report Number: 7275
Date Received: 04/09/88
Date Examined: 04/15/88

Lab Number: 8810554

Sample Number: CIT-12B

Analyst: MF

Site: Citrus - Chico Unified School District.

Location: Unit "C" - Hallway Exit near Room #5, dark-green
linoleum.

P.O.: Citrus - Chico Unified School District

Gross Description: Green linoleum floor tile associated with a
black fibrous backing.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	55-60	%	55-60	%
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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.

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: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810543

Sample Number: CIT-13A

Analyst: MF

Site: Citrus - Chico Unified School District.

Location: Unit "D" - Above Entrance to Work Room, plaster wall.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white wall plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	<1	%
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	30-35	%	95-99	%
Gypsum	60-65	%		

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: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810544

Analyst: MF

Sample Number: CIT-13B

Site: Citrus - Chico Unified School District.

Location: Unit "D" - Hallway across from Room #20, wall plaster.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white wall plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	30-35	%
Gypsum	60-65	%

Analyst:

Michelle D. Fox

Supervisor:

dx

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: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810545

Sample Number: CIT-13C

Site: Citrus - Chico Unified School District.

Analyst: MF

Location: Above Entrance to Room #8/Attic, plaster wall.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white wall plaster.

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	30-35	%	98-99	%
Gypsum	60-65	%		

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: 7275

Date Received: 04/09/88

Date Examined: 04/12/88

Lab Number: 8810546

Analyst: MF

Sample Number: CIT-13D

Site: Citrus - Chico Unified School District.

Location: Unit "C" - At Exit Next to Room #5, wall plaster.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white wall plaster.

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

30-35

98-99

%

Gypsum

60-65

Analyst:

Michelle Fox

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: 7275

Date Received: 04/09/88

Date Examined: 04/15/88

Lab Number: 8810547

Analyst: MF

Sample Number: CIT-13E

Site: Citrus - Chico Unified School District.

Location: Unit "D" - Staff Faculty Room, wall plaster and ceiling.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white wall plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	90-95	%	90-95	%
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Analyst:

Michelle Fay

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: 7275

Date Received: 04/09/88

Date Examined: 04/15/88

Lab Number: 8810548

Sample Number: CIT-13F

Analyst: MF

Site: Citrus - Chico Unified School District.

Location: Unit "D" - Principal's Office, wall and ceiling
plaster.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white wall plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	90-95	%	90-95	%
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Analyst:

Michelle Fox

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: 7275

Date Received: 04/09/88

Date Examined: 04/15/88

Lab Number: 8810549

Sample Number: CIT-13G

Site: Citrus - Chico Unified School District.

Analyst: MF

Location: Unit "D" - Above Room #12 Entrance, ceiling and wall plaster.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white wall plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	90-95	%	90-95	%
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Analyst:

Michelle Fox

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: 7275

Date Received: 04/09/88

Date Examined: 04/15/88

Lab Number: 8810550

Sample Number: CIT-14

Analyst: MF

Site: Citrus - Chico Unified School District.

Location: Unit "D" - At School Entrance above Principal's
Office, 2x4 ceiling panel.

P.O.: Citrus - Chico Unified School District

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	%
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Analyst:

Michelle Fox

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: 7275

Date Received: 04/09/88

Date Examined: 04/15/88

Lab Number: 8810551

Sample Number: CIT-15

Analyst: MF

Site: Citrus - Chico Unified School District.

Location: Unit "D" - Multi-Purpose Room, 9" green vinyl floor tile.

P.O.: Citrus - Chico Unified School District

Gross Description: Green floor tile associated with a black tar adhesive (asbestos in tile only).

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	1-5	%	1-5	%
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	95-99	%	95-99	%
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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: 7275
Date Received: 04/09/88
Date Examined: 04/15/88

Lab Number: 8810552
Sample Number: CIT-16
Site: Citrus - Chico Unified School District.

Analyst: MF

Location: Unit "D" - Multi-Purpose Room, 12" acoustic tile.

P.O.: Citrus - Chico Unified School District

Gross Description: Off-white fibrous ceiling material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	90-95	%
Mineral Wool	<1	%
Polyethylene	<1	%

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	5-10	%
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Analyst: Michelle J. Fox

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: 7275

Date Received: 04/09/88

Date Examined: 04/15/88

Lab Number: 8810553

Sample Number: CIT-17

Analyst: MF

Site: Citrus - Chico Unified School District.

Location: Unit "D" - Multi-Purpose Room Stage, east, ventilation duct tape.

P.O.: Citrus - Chico Unified School District

Gross Description: Grey fibrous wrap associated with a pale green paint layer.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	20-25	%	20-25	%
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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.