

INSPECTION DOCUMENTS

LEA: CHICO UNIFIED SCHOOL DISTRICT

SCHOOL: ROSEDALE ELEMENTARY

DATE OF INSPECTION: MARCH 31, 1988

INSPECTOR: RICHARD A. BEALL

ACCREDITATION: PAIC 17

Richard A. Beall
*(name of inspector)

UNIVERSITY OF CALIFORNIA

BERKELEY

UNIVERSITY EXTENSION

This is to certify that

Rick Beall

has attended and satisfactorily passed the exam
for the course

Building Inspection and Management Planning for Asbestos

November 16-20, 1987

This certification is valid until:

November 20, 1988

November 18 and 22, 1987
exam dates

17

Certificate number



Vivian Sutcher

Assistant Dean
University Extension

Deborah A. ...

Program Director
Pacific Asbestos Information Center

UNIVERSITY OF CALIFORNIA BERKELEY UNIVERSITY EXTENSION

This is to certify that

RICHARD A. BEALL

has attended the refresher course
for building inspectors and management planners,

Advanced Topics in Building Inspection and Management Planning

December 13, 1988

Certificate number: 17

Valid until: December 13, 1989



Verina Suter
Assistant Dean
University Extension

Deborah D.
Program Director
Pacific Asbestos Information Center

SUMMARY OF FRIABLE AND NON-FRIABLE AC3M BY BUILDING

CS CODE

04 61424 6003081

SCHOOL

ROSEDALE ELEMENTARY

SCHOOL PHONE NUMBER

(910) 891-3104

ADDRESS

(Municipality)

(Street)

(City)

(Zip Code)

100 OAK STREET

CHICO

95926

NUMBER OF BUILDINGS

11

LINE	BUILDING NAME (Indicate Address if Different From Above)	CHECK ONE				
		AC3M		ASSUMED AC3M		
		NONE	FRIABLE	NON-FRIABLE	FRIABLE	NON-FRIABLE
1.	UNIT A		X	X		
2.	UNIT B			X		
3.	UNIT C			X		
4.	UNIT D		X	X		
5.	UNIT E			X		
6.	UNIT F	X				
7.	UNIT G			X		
8.	UNIT H	X				
9.	UNIT I	X				
10.	SUPPORT TRAILER	X				
11.	NEW PORTABLE #49876	X				
12.	PORTABLES #47175 (3)(1)	X				
13.	PORTABLES #46618 (5)	X				
14.						
15.						
16.						
17.						
18.						
19.						
20.						

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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809009
Sample Number: RSD-01A
Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 10 - semi-soft ceiling plaster.

P.O.: Rosedale

Gross Description: Pale green ceiling plaster.

MICROSCOPIC DESCRIPTION:

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

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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809010
Sample Number: RSD-02A
Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 11 - hard wall plaster.

P.O.: Rosedale

Gross Description: Grey wall plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile

<1

%

Amosite

<1

%

Crocidolite

<1

%

<1

%

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

95-99

%

95-99

%

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:

7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809011

Analyst: MF

Sample Number: RSD-03

Site: Rosedale Elementary

Location: Unit D, Room 19, Entrance Hallway - 9" VFT - green.

P.O.: Rosedale

Gross Description: Green floor tile associated with black tar adhesive (Asbestos in both tile and tar).

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	%
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Analyst:

Michelle J. Fox

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.

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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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809012
Sample Number: RSD-01B
Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 19, Entrance Hallway - semi-hard ceiling
plaster.

P.O.: Rosedale

Gross Description: Pale green ceiling plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile

1-5

%

1-5

%

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

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.

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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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809013
Sample Number: RSD-01C
Site: Rosedale Elementary

Analyst: MF

Location: Ceiling of Unit D, Room 15, MPR - semi-hard ceiling
plaster.

P.O.: Rosedale

Gross Description: Pale green ceiling plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	95-99	%
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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:

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P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809014

Sample Number: RSD-01D

Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 20 Hallway - semi-hard ceiling plaster.

P.O.: Rosedale

Gross Description: Pale green ceiling plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile

1-5

1-5

%

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

95-99

95-99

%

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:

7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809015

Sample Number: RSD-01E

Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 15, MPR - semi-hard ceiling plaster.

P.O.: Rosedale

Gross Description: Pale green ceiling plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile

1-5

%

1-5

%

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

95-99

%

95-99

%

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:

7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809016

Sample Number: RSD-01F

Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 15, MPR - semi-hard ceiling plaster.

P.O.: Rosedale

Gross Description: Pale green ceiling plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile

1-5

%

1-5

%

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

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.

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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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809017
Sample Number: RSD-01G
Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 20 Hallway - semi-hard ceiling plaster.

P.O.: Rosedale

Gross Description: Pale green ceiling plaster (Sample size too small for accurate quantitation).

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

	98-99	%
Unspecified Particulates	98-99	%

Analyst:

Michelle 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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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:

7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809018
Sample Number: RSD-02B
Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 19 Entrance Hallway - hard wall plaster.

P.O.: Rosedale

Gross Description: Gray 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	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.

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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:

7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809019

Sample Number: RSD-02C

Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 20 Hallway - hard wall plaster.

P.O.: Rosedale

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

95-99

%

95-99

%

%

%

%

%

Analyst:

Michelle 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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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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809020
Sample Number: RSD-02D
Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 16 Wall - hard wall plaster.

P.O.: Rosedale

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	95-99	%	95-99	%
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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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809021

Sample Number: RSD-02E

Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 16 Wall - hard wall plaster.

P.O.: Rosedale

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	95-99	%	95-99	%
--------------------------	-------	---	-------	---

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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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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809022
Sample Number: RSD-02F
Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 16 Ceiling - hard wall plaster.

P.O.: Rosedale

Gross Description: Beige 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

95-99

95-99

%

Analyst:

Michelle J. Fay

Supervisor:

AE

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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809023
Sample Number: RSD-02G
Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 16 Ceiling - hard wall plaster.

P.O.: Rosedale

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

95-99

%

95-99

%

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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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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809024
Sample Number: RSD-04A
Site: Rosedale Elementary

Analyst: MF

Location: Wall of Unit C, Room 5 - hard troweled on plaster,
wall and ceiling.

P.O.: Rosedale

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

95-99

95-99

%

Analyst:

Michelle J. 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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FOR

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Hazard Management Services, Inc.

P.O. Box 7012

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Client Number: 146

Report Number: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809025
Sample Number: RSD-04B
Site: Rosedale Elementary

Analyst: MF

Location: Ceiling of Unit C, Room 5 - hard troweled on plaster,
wall and ceiling.

P.O.: Rosedale

Gross Description: Pale green ceiling plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	95-99	%
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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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809026
Sample Number: RSD-04C
Site: Rosedale Elementary

Analyst: MF

Location: Wall of Unit C, Room 6 - hard troweled on plaster,
wall and ceiling.

P.O.: Rosedale

Gross Description: Off white wall plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

<1 %

Chrysotile	<1	%
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	%
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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.

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: 7032
Date Received: 04/04/88
Date Examined: 04/10/88

Lab Number: 8809027
Sample Number: RSD-04D
Site: Rosedale Elementary

Analyst: MF

Location: Ceiling of Unit C, Room 6 - hard troweled on plaster,
wall and ceiling.

P.O.: Rosedale

Gross Description: Pale green ceiling plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:		<1	%
Chrysotile	<1		
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 J. Fox

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:

7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809028

Sample Number: RSD-04E

Site: Rosedale Elementary

Analyst: MF

Location: Unit A, Room 4, Custodian Closet - hard troweled on
plaster, wall and ceiling.

P.O.: Rosedale

Gross Description: Off-white wall plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

<1 %

Chrysotile

<1

%

Amosite

<1

%

Crocidolite

<1

%

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

1-5 %

Cellulose

1-5

%

Mineral Wool

Trace

%

Polyethylene

<1

%

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

95-99 %

Unspecified Particulates

95-99

%

%

%

%

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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809029
Sample Number: RSD-05
Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 19, Access Panel for Radiator - debris.

P.O.: Rosedale

Gross Description: Off-white fibrous wrap.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	65-70	%	65-70	%
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	%	30-35	%
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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:

7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809030
Sample Number: RSD-06
Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 17 - pipe wrap, straight.

P.O.: Rosedale

Gross Description: Off-white fibrous wrap.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile

1-5

%

Amosite

<1

%

Crocidolite

<1

%

1-5

%

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose

85-90

%

Mineral Wool

<1

%

Polyethylene

<1

%

85-90

%

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.

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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809031

Sample Number: RSD-07

Site: Rosedale Elementary

Analyst: MF

Location: Unit D, Room 17 - mudded joint.

P.O.: Rosedale

Gross Description: Off-white semi-fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	1-5	%	60-65	%
Mineral Wool	55-60	%		
Polyethylene	<1	%		
		%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

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

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.

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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809032

Analyst: MF

Sample Number: RSD-08

Site: Rosedale Elementary

Location: Unit D, Room 16, Walk-In Refrigerator - ceiling materials.

P.O.: Rosedale

Gross Description: Blue sponge-like material associated with white paint layer and black tar.

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:

[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: 7032

Date Received: 04/04/88

Date Examined: 04/10/88

Lab Number: 8809033
Sample Number: RSD-09
Site: Rosedale Elementary

Analyst: MF

Location: Unit C, Room 1 - 9" VFT - beige.

P.O.: Rosedale

Gross Description: Beige floor tile associated with black tar adhesive (Asbestos in tile only).

MICROSCOPIC DESCRIPTION:

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

Analyst:

Michelle 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.