

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809063

Sample Number: CPM-11A

Site: Chapman Elementary

Analyst: MF

Location: Unit A, Room 5 (kitchen) - hard wall plaster.

P.O.: Chapman

Gross Description: Off white semifibrous 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:

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809064

Sample Number: CPM-11B

Site: Chapman Elementary

Analyst: MF

Location: Unit A, Room 5 (kitchen) - hard wall plaster.

P.O.: Chapman

Gross Description: Off white semifibrous 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:

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809065

Sample Number: CPM-11C

Site: Chapman Elementary

Analyst: MF

Location: Unit A, Room 5 (kitchen) - hard wall plaster.

P.O.: Chapman

Gross Description: Off white semifibrous 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 A. 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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809066

Sample Number: CPM-11D

Site: Chapman Elementary

Analyst: MF

Location: Unit A, Room 5 (kitchen) - hard ceiling plaster.

P.O.: Chapman

Gross Description: Off white semifibrous 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:

[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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809067

Sample Number: CPM-11E

Site: Chapman Elementary

Analyst: MF

Location: Unit A, Room 5 (kitchen) - hard wall plaster.

P.O.: Chapman

Gross Description: Off white semifibrous wall 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	%
--------------------------	-------	---

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809076
Sample Number: CPM-11F
Site: Chapman Elementary.

Analyst: MF

Location: Unit "C" - Room #14, hard wall plaster.

P.O.: Chapman Elementary.

Gross Description: Off white plaster-like material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	1-5	%	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:

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809077
Sample Number: CPM-11G
Site: Chapman Elementary.

Analyst: MF

Location: Unit "D"/Janitor's Room - Room #15, hard wall plaster.

P.O.: Chapman Elementary.

Gross Description: Off white plaster-like material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	1-5	%	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:

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809068

Sample Number: CPM-12

Site: Chapman Elementary

Analyst: MF

Location: Unit A, Room 3 (MP Room) - 12" VFT - blue and backing.

P.O.: Chapman

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	1-5	%
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	90-95	%
--------------------------	-------	---

Analyst: Michelle J. Fox

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.

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: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Lab Number: 8809069
Sample Number: CPM-13A
Site: Chapman Elementary.

Analyst: MF

Location: Unit "A"/Multi-Purpose Room - Room #3, acoustic
ceiling plaster.

P.O.: Chapman Elementary.

Gross Description: Off white plaster-like material.

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: [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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809070

Sample Number: CPM-13B

Site: Chapman Elementary.

Analyst: MF

Location: Unit "A"/Multi-Purpose Room - Room #3, acoustic ceiling plaster.

P.O.: Chapman Elementary.

Gross Description: Off white plaster-like material.

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	%
--------------------------	-------	---	-------	---

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:

7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809071

Sample Number: CPM-13C

Site: Chapman Elementary.

Analyst: MF

Location: Unit "A"/Multi-Purpose Room - Room #3, acoustic ceiling plaster.

P.O.: Chapman Elementary.

Gross Description: Off white plaster-like material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

1-5 %

Chrysotile

1-5

%

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:

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.

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809072

Sample Number: CPM-13D

Site: Chapman Elementary.

Analyst: MF

Location: Unit "A"/Multi-Purpose Room - Room #3, acoustic ceiling plaster.

P.O.: Chapman Elementary.

Gross Description: Off white plaster-like material.

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	%
--------------------------	-------	---	-------	---

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809073

Analyst: MF

Sample Number: CPM-13E

Site: Chapman Elementary.

Location: Unit "A"/Multi-Purpose Room - Room #3, acoustic ceiling plaster.

P.O.: Chapman Elementary.

Gross Description: Off white plaster-like material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile

1-5

%

Amosite

<1

%

Crocidolite

<1

%

1-5

%

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose

Trace

%

Mineral Wool

<1

%

Polyethylene

<1

%

Trace

%

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

95-99

%

95-99

%

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809074
Sample Number: CPM-14A
Site: Chapman Elementary.

Analyst: MF

Location: Unit "D"/Girl's Bathroom - Room #16, hard ceiling
plaster.

P.O.: Chapman Elementary.

Gross Description: Off white plaster-like material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:		1-5	%
Chrysotile	1-5	%	
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:		95-99	%
Unspecified Particulates	95-99	%	

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.

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809075

Sample Number: CPM-14B

Site: Chapman Elementary.

Analyst: MF

Location: Unit "D"/Boy's Bathroom - Room #16, hard ceiling
plaster.

P.O.: Chapman Elementary.

Gross Description: Off white plaster-like material.

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.

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809078

Analyst: MF

Sample Number: CPM-14C

Site: Chapman Elementary.

Location: Unit "C"/Girl's Bathroom - Room #14, hard ceiling
plaster.

P.O.: Chapman Elementary.

Gross Description: Off white plaster-like material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:	1-5	%
Chrysotile	1-5	%
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:	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.

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809079

Sample Number: CPM-14D

Site: Chapman Elementary.

Analyst: MF

Location: Unit "A" - Room#8, hard ceiling plaster.

P.O.: Chapman Elementary.

Gross Description: Off white plaster-like material.

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. Fols

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809080

Sample Number: CPM-14E

Site: Chapman Elementary.

Analyst: MF

Location: Unit "A" - Room#2, hard ceiling plaster.

P.O.: Chapman Elementary.

Gross Description: Off white plaster-like material.

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:

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809094

Analyst: MF

Sample Number: CPM-14F

Site: Chapman Elementary.

Location: Unit "A"/Principal's Office - Room #1, hard ceiling
plaster.

P.O.: Chapman Elementary.

Gross Description: Off-white plaster-like material.

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:

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: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Analyst: MF

Lab Number: 8809095
Sample Number: CPM-14G
Site: Chapman Elementary.

Location: Unit "A"/Nurse's Office - Room #1, hard ceiling
plaster.

P.O.: Chapman Elementary.

Gross Description: Off-white plaster-like material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	Trace	%
Amosite	<1	%
Crocidolite	<1	%

Trace %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

Trace %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

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

98-99 %

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809081

Sample Number: CPM-15

Site: Chapman Elementary.

Analyst: MF

Location: Unit "C"/Storage Room - Room #4, TSI (mudded joint).

P.O.: Chapman Elementary.

Gross Description: Off white semifibrous insulation.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	Trace	%	75-80	%
Mineral Wool	75-80	%		
Polyethylene	<1	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

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

Analyst:

Michelle C. 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.

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

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809082

Sample Number: CPM-16

Site: Chapman Elementary.

Analyst: MF

Location: Unit "C"/Storage Room - Room #4, TSI (pw straight).

P.O.: Chapman Elementary.

Gross Description: Off white fibrous wrap.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	80-90	%	80-90	%
Mineral Wool	<1	%		
Polyethylene	<1	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	5-10	%	5-10	%
--------------------------	------	---	------	---

Analyst:

Michelle J. Ford

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

Client: FOR
Hazard Management Services, Inc.

P.O. Box 7012
Modesto, CA 95355

Client Number: 146
Report Number: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Lab Number: 8809083
Sample Number: CPM-17
Site: Chapman Elementary.

Analyst: MF

Location: Unit "C"/Girl's Bathroom - Room #14, brown linoleum.

P.O.: Chapman Elementary.

Gross Description: Off white linoleum tile assoc. with a
semifibrous backing.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose			20-25	%
Mineral Wool	15-20	%		
Polyethylene	<1	%		
Synthetic Fibers	<1	%		
	1-5	%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	75-80	%		
	75-80	%		
		%		
		%		
		%		

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: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Analyst: MF

Lab Number: 8809084
Sample Number: CPM-18
Site: Chapman Elementary.

Location: Unit "C" - Room #9, acoustic ceiling tile.

P.O.: Chapman Elementary.

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

90-95 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	5-10	%
--------------------------	------	---

5-10 %

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

Hazard Management Services, Inc.

P.O. Box 7012
Modesto, CA 95355

Client Number: 146
Report Number: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Lab Number: 8809085
Sample Number: CPM-19A
Site: Chapman Elementary.

Analyst: MF

Location: Unit "D" - Room #15/Boiler, large 10" mudded joint.

P.O.: Chapman Elementary.

Gross Description: Off white highly fibrous insulation.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:		65-70	%
Chrysotile	15-20	%	
Amosite	45-50	%	
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:		25-30	%
Unspecified Particulates	25-30	%	

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: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Analyst: MF

Lab Number: 8809086
Sample Number: CPM-19B
Site: Chapman Elementary.

Location: Unit "D" - Room #15/Boiler, large 10" mudded joint.

P.O.: Chapman Elementary.

Gross Description: Off white highly fibrous insulation.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:		65-70	%
Chrysotile	15-20	%	
Amosite	45-50	%	
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:		25-30	%
Unspecified Particulates	25-30	%	

Analyst:

Michelle J. Fero

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: 7033

Date Received: 04/04/88

Date Examined: 04/09/88

Lab Number: 8809087

Analyst: MF

Sample Number: CPM-19C

Site: Chapman Elementary.

Location: Unit "D" - Room #15/Boiler, large 10" mudded joint.

P.O.: Chapman Elementary.

Gross Description: Off white highly fibrous insulation.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	20-25	%	75-80	%
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	15-20	%	15-20	%
		%		
		%		
		%		

Analyst: Michelle D. 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: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Lab Number: 8809088
Sample Number: CPM-20
Site: Chapman Elementary.

Analyst: MF

Location: Unit "D" - Room #15/Boiler, small 4" mudded joint.

P.O.: Chapman Elementary.

Gross Description: Off-white, highly fibrous insulation.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:			75-80	%
Chrysotile	20-25	%		
Amosite	50-55	%		
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:			15-20	%
Unspecified Particulates	15-20	%		

Analyst:

Michael 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: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Lab Number: 8809089
Sample Number: CPM-21
Site: Chapman Elementary.

Analyst: MF

Location: Unit "D" - Room #15/TSI, pw straight (small 4").

P.O.: Chapman Elementary.

Gross Description: Off white fibrous wrap.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:		55-60	%
Chrysotile	15-20	%	
Amosite	35-40	%	
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:		35-40	%
Unspecified Particulates	35-40	%	

Analyst:

Michelle J. Fay

Supervisor:

[Signature]

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

Forensic Analytical Specialties, Inc.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

Client:
Hazard Management Services, Inc.

P.O. Box 7012
Modesto, CA 95355

Client Number: 146
Report Number: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Lab Number: 8809090
Sample Number: CPM-22
Site: Chapman Elementary.

Analyst: MF

Location: Unit "D" - Room #15, pw straight (large).

P.O.: Chapman Elementary.

Gross Description: Off white fibrous wrap.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:		50-55	%
Chrysotile	10-15	%	
Amosite	35-40	%	
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:		40-45	%
Unspecified Particulates	40-45	%	
		%	
		%	
		%	

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: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Lab Number: 8809091
Sample Number: CPM-23
Site: Chapman Elementary.

Analyst: MF

Location: Unit "D" - Boiler/Room #15, backing board on boiler.

P.O.: Chapman Elementary.

Gross Description: Off white fibrous material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:		85-90	%
Chrysotile	85-90	%	
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:		10-15	%
Unspecified Particulates	10-15	%	

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: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Analyst: MF

Lab Number: 8809092
Sample Number: CPM-24
Site: Chapman Elementary.

Location: Unit "B" - Room #14, 9" vinyl floor tile (grey and backing).

P.O.: Chapman Elementary.

Gross Description: Grey floor tile assoc. with black tar adhesive. (Asbestos in both)

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:	10-15	%	10-15	%
Chrysotile	<1	%		
Amosite	<1	%		
Crocidolite		%		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:	1-5	%	1-5	%
Cellulose	<1	%		
Mineral Wool	<1	%		
Polyethylene		%		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:	80-85	%	80-85	%
Unspecified Particulates		%		

Analyst:

Michelle J. Fazio

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: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Analyst: MF

Lab Number: 8809093
Sample Number: CPM-25
Site: Chapman Elementary.

Location: Unit "A" - Room #1, beige linoleum.

P.O.: Chapman Elementary.

Gross Description: Off-white linoleum floor tile assoc. with
fibrous backing.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:			<1	%
Chrysotile	<1	%		
Amosite	<1	%		
Crocidolite	<1	%		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			10-15	%
Cellulose	10-15	%		
Mineral Wool	<1	%		
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.

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: 7033
Date Received: 04/04/88
Date Examined: 04/09/88

Analyst: MF

Lab Number: 8809096
Sample Number: CPM-26
Site: Chapman Elementary.

Location: Unit "E"/Bathroom - Room #2, off-white linoleum.

P.O.: Chapman Elementary.

Gross Description: Off-white linoleum tile assoc. with fibrous
backing.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1 %
<1 %
<1 %
<1 %

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

15-20 %
<1 %
<1 %
<1 %

15-20 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

80-85 %
80-85 %
80-85 %
80-85 %

80-85 %

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.

UNIVERSITY OF CALIFORNIA BERKELEY UNIVERSITY EXTENSION

This is to certify that

Michael Christopher Sharp

has attended and satisfactorily passed the exam
for the course

Building Inspection for Asbestos

January 25-27, 1988

This certification is valid until:

January 27, 1989

January 27, 1988

Exam date

191

Certificate number



Vivian Sutcher
Assistant Dean
University Extension

Debraal D.
Program Director
Pacific Asbestos Information Center

UNIVERSITY OF CALIFORNIA BERKELEY UNIVERSITY EXTENSION

This is to certify that

MICHAEL CHRISTOPHER SHARP

has attended the refresher course
for building inspectors,

Advanced Topics in Building Inspection
December 13, 1988



Certificate number:

191

Valid until: December 13, 1989

Verina Satcher
Assistant Dean
University Extension

Deborah Dill
Program Director
Pacific Asbestos Information Center

SUMMARY OF FRIABLE AND NON-FRIABLE ACM BY BUILDING

CDS CODE

04 61424 6002968

SD-001

CHAPMAN ELEMENTARY SCHOOL

SCHOOL PHONE NUMBER

(916) 891-3100

ADDRESS

(Number)

1071 EAST 16TH STREET

(Street)

(City)

CHICO, CA

(Zip Code)

95928

NUMBER OF BUILDINGS

11

LINE	BUILDING NAME (Indicate Address if Different From Above)	CHECK ONE				
		ACSM		ASSUMED ACSM		
		NONE	FRIABLE	NON-FRIABLE	FRIABLE	NON-FRIABLE
1.	UNIT A		X	X		X
2.	UNIT B			X		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.	PORTABLE 1	X				
10.	PORTABLE 2	X				
11.	SPEECH TRAILER	X				
12.	PORTABLE (2)	X				
13.	PORTABLE (3)	X				
14.	PORTABLE (toilet)	X				
15.	PORTABLE	X				
16.						
17.						
18.						
19.						
20.						