

INSPECTION DOCUMENTS


LEA: CHICO UNIFIED SCHOOL DISTRICT

SCHOOL: SHASTA ELEMENTARY SCHOOL

DATE OF INSPECTION: MARCH 30, 1988

INSPECTOR: JAMES E SHARP

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



*(name of inspector)

UNIVERSITY OF CALIFORNIA BERKELEY UNIVERSITY EXTENSION

This is to certify that

James E Sharp

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 20, 1987

Exam dates

4

Certificate number



Vivian Sutcher

Assistant Dean
University Extension

Deborah M.

Program Director
Pacific Asbestos Information Center

UNIVERSITY OF CALIFORNIA BERKELEY UNIVERSITY EXTENSION

This is to certify that

JAMES E. SHARP

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

Advanced Topics in Building Inspection and Management Planning

December 13, 1988

Certificate number: 4

Valid until: December 13, 1989



Vivian Sitcher
Assistant Dean
University Extension

Deborah Dill
Program Director
Pacific Asbestos Information Center

SUMMARY OF FRIABLE AND NON-FRIABLE ACBM BY BUILDING

CS3 CODE

04 61424 6003099

SCHOOL

SHASTA ELEMENTARY SCHOOL

SCHOOL PHONE NUMBER

(916) 891-3141

ADDRESS

(Highway)

(Street)

(City)

(Zip Code)

169 LEORA COURT

CHICO, CA

95926

NUMBER OF BUILDINGS

5

CHECK ONE

LINE

BUILDING NAME

(Indicate Address if Different From Above)

ACBM

ASSUMED ACBM

NONE FRIABLE NON-FRIABLE FRIABLE NON-FRIABLE

1.	UNIT A		X	X		X
2.	UNIT B					X
3.	UNIT C					X
4.	UNIT D					X
5.	NEW PORTABLE	X				
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
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: 7093

Date Received: 04/05/88

Date Examined: 04/11/88

Lab Number: 8809345

Analyst: MF

Sample Number: SHA-01

Site: Shasta.

Location: Administration Offices, Unit C - 2x4 Panel ceiling.

P.O.: Chico Unified School District.

Gross Description: Off-white, fibrous ceiling tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

<1 %

Chrysotile

<1

Amosite

<1

Crocidolite

<1

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

60-70 %

Cellulose

15-20

Mineral Wool

45-50

Polyethylene

<1

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

30-40 %

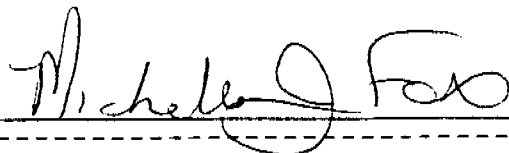
Unspecified Particulates

5-10

Perlite

25-30

Analyst:



Supervisor:



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

Forensic Analytical Specialties, Inc.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

Client:
Hazard Management Services, Inc.

P.O. Box 7012
Modesto, CA 95355

Client Number: 146
Report Number: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Analyst: MF

Lab Number: 8809346
Sample Number: SHA-02
Site: Shasta.

Location: Classroom, Unit C - 12" VFT, light beige.

P.C.: Chico Unified School District.

Gross Description: Beige floor tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

Trace
<1
<1

Trace %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

<1
<1
<1

<1 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

98-99

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

BBULKK ASBESTOS ANALYSSIS REPORT

FOR

Client:
Haazard Management Services, Inc.
P.O. Box 7012
Modesto, CA 95355

Client Number:: 146
Report Number: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Analyst: MF

Lab Number: 8809347
Sample Number: SHA-03
Site: Shasta.

Location: Classroom - Room 6, Unit A - 12" Acoustic ceiling
tile.
P.O.: Chico Unified School District.

Gross Description: Off-white, fibrous ceiling tile.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1
<1
<1

%
%
%

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

90-95
<1
<1

%
%
%

90-95 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

5-10

%
%
%
%

5-10 %

Analyst:

Michelle J. Fox

Supervisor:

[Signature]

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

3777 Depot Road, Suite 108, 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: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Analyst: MF

Lab Number: 8809348
Sample Number: SHA-04
Site: Shasta.

Location: Classroom - Room 6, Unit A - 9" VET, beige.

P.O.: Chico Unified School District

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:	5-10	%
Chrysotile	5-10	%
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:	90-95	%
Unspecified Particulates	90-95	%

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: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Analyst: MF

Lab Number: 8809349
Sample Number: SHA-05
Site: Shasta.

Location: Attic, Unit A - Mudded corner.

P.O.: Chico Unified School District.

Gross Description: Gray, semi-fibrous insulation.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

1-5
<1
<1

%
%
%
%

1-5 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

1-5
60-65
<1

%
%
%
%

65-70 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

25-30

%
%
%
%

25-30 %

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: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Lab Number: 8809350
Sample Number: SHA-06
Site: Shasta.

Analyst: MF

Location: Attic, Unit A - PW.

P.O.: Chico Unified School District.

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:			30-35	%
Chrysotile	5-10	%		
Amosite	20-25	%		
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:			60-65	%
Unspecified Particulates	60-65	%		
		%		
		%		
		%		

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: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Analyst: MF

Lab Number: 8809351
Sample Number: SHA-07
Site: Shasta.

Location: Main Boiler Room, Unit A - PW straight large diameter.

P.O.: Chico Unified School District

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

1-5 %
10-15 %
<1 %
%

15-20 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

1-5 %
<1 %
<1 %
%

1-5 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

75-80 %
%
%
%

75-80 %

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: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Analyst: MF

Lab Number: 8809352
Sample Number: SHA-08
Site: Shasta.

Location: Main Boiler Room, Unit A - Muddled corner.

P.O.: Chico Unified School District.

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:			<1	%
Chrysotile	<1	%		
Amosite	<1	%		
Crocidolite	<1	%		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			65-70	%
Cellulose	1-5	%		
Mineral Wool	60-65	%		
Polyethylene	<1	%		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:			30-35	%
Unspecified Particulates	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: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Analyst: MF

Lab Number: 8809353
Sample Number: SHA-09
Site: Shasta.

Location: Main Boiler Room, Unit A - PW corner small diameter.

P.O.: Chico Unified School District.

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

5-10 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	Trace	%
Mineral Wool	20-25	%
Polyethylene	<1	%

20-25 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	65-75	%
--------------------------	-------	---

65-75 %

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: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Lab Number: 8809354
Sample Number: SHA-10A
Site: Shasta.

Analyst: MF

Location: Main Boiler Room, Unit A - Wall plaster.

P.O.: Chico Unified School District.

Gross Description: Off-white 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	Trace	%
Polyethylene	<1	%

Trace %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	85-90	%
Perlite	10-15	%

98-99 %

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: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Lab Number: 8809355
Sample Number: SHA-10B
Site: Shasta.

Analyst: MF

Location: Main Boiler Room, Unit A - Wall plaster.

P.O.: Chico Unified School District.

Gross Description: Off-white 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	85-90	%
Perlite	5-10	%

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: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Analyst: MF

Lab Number: 8809356
Sample Number: SHA-10C
Site: Shasta.

Location: Custodial Closet, Unit A - Wall plaster.

P.O.: Chico Unified School District.

Gross Description: Off-white wall plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

<1
<1
<1

%
%
%
%

<1 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Mineral Wool
Polyethylene

1-5
<1
<1

%
%
%
%

1-5 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates
Perlite

85-90
5-10

%
%
%
%

95-99 %

Analyst:

Michelle Fox

Supervisor:

de

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

Forensic Analytical Specialties, Inc.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FOR

Client:
Hazard Management Services, Inc.

P.O. Box 7012
Modesto, CA 95355

Client Number: 146
Report Number: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Analyst: MF

Lab Number: 8809357
Sample Number: SHA-11A
Site: Shasta.

Location: Storage (abandoned restroom south) - T-O-C acoustic.

P.O.: Chico Unified School District.

Gross Description: Off-white ceiling plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

1-5 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

<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.

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: 7093

Date Received: 04/05/88

Date Examined: 04/11/88

Lab Number: 8809358

Sample Number: SHA-11B

Site: Shasta.

Analyst: MF

Location: Storage (abandoned restroom south) - T-O-C acoustic.

P.O.: Chico Unified School District.

Gross Description: Off-white ceiling plaster.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile

1-5

%

Amosite

<1

%

Crocidolite

<1

%

1-5

%

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose

<1

%

Mineral Wool

<1

%

Polyethylene

<1

%

<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: 7093

Date Received: 04/05/88

Date Examined: 04/11/88

Lab Number: 8809359

Sample Number: SHA-11C

Site: Shasta.

Analyst: MF

Location: Storage (abandoned restroom north) - T-O-C acoustic.

P.O.: Chico Unified School District.

Gross Description: Off-white ceiling plaster.

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 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: 7093
Date Received: 04/05/88
Date Examined: 04/11/88

Lab Number: 8809360
Sample Number: SHA-12
Site: Shasta.

Analyst: MF

Location: Portable, Room 13 - 2x4 ceiling panel.

P.O.: 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	15-20	%
Mineral Wool	40-45	%
Polyethylene	<1	%

55-65 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	5-10	%
Perlite	30-35	%

35-45 %

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.

HAZARD MANAGEMENT SERVICES, INC.

Inspection Form I-1

DISTRICT _____

Page _____ of _____

SCHOOL SHASTADate 3/30/88Building UNIT AInspector JESLocation RM 6
(functional area)HMS-SIA - 04Material: Surfacing TSI Misc. % Asbestos 5-10
Description VFT 9" BEIGEAmount of Material (NF / F) 960/0 (ft²/lf) Assumed ACM: Y / N # of samplesCONDITION: % damaged: Extent of damage:
0% <1% 1-10% 11-25% >25% none local distributed

Type damage: air; deterioration; water; physical; flaking

DESCRIPTION: _____

POTENTIAL FOR DISTURBANCE:

PREVENTATIVE MEASURES:

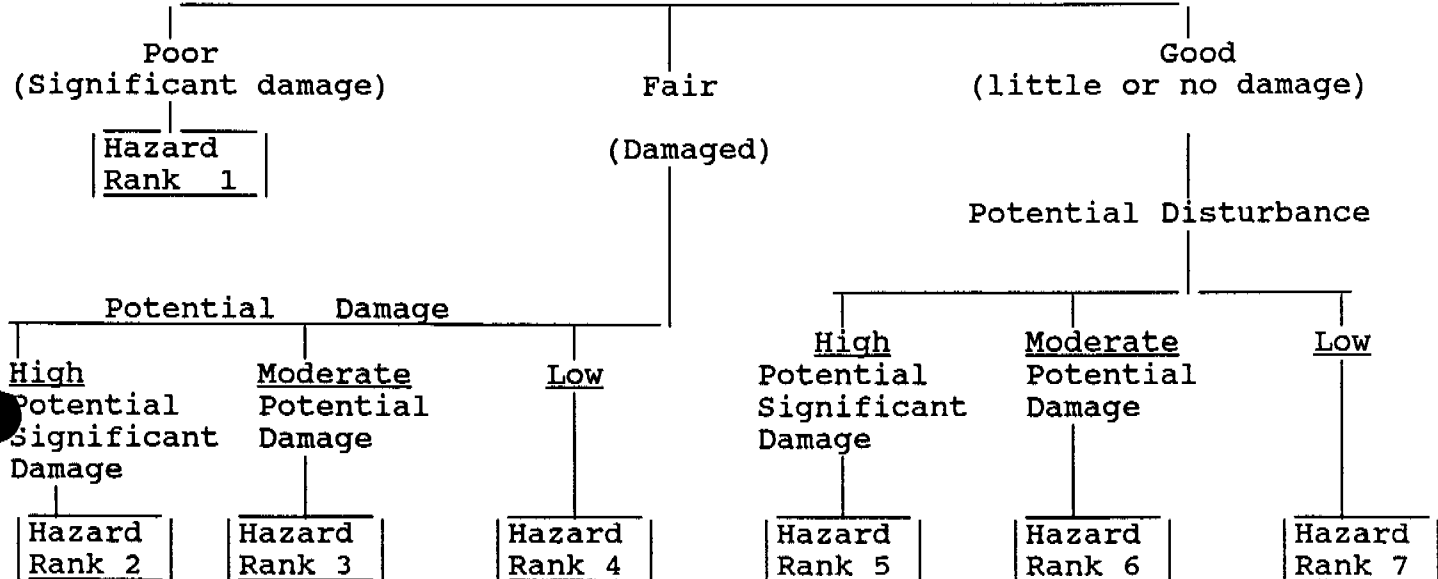
Accessibility: H M L
Vibration : H M L
Air Erosion : H M L
Water : H M L

1. Fix Leaks
2. Prevent water contact
3. Do not DCSG
4. Do not affix signs/deco's
5. Avoid contact

COMMENTS: _____

_____REMEDIAL ACTIONS
isolate/restrict repair/cleanup
enclose encapsulate
remove O&M

ACBM Condition - Assessment



HMS, Inc.
HAZARD MANAGEMENT SERVICES, INC.
209-577-8209

DATE: August 15, 1988

FROM: James E Sharp, President, Hazard Management Services, Incorporated (HMS, Inc.)

TO: AHERA Clients

RE: LEA AHERA Designee

Thank you for sending your OLA AHERA forms to us. Those districts which have not yet selected an LEA AHERA Designee, please notify our office as soon as you have made your decision. Remember, this should be the person in charge of asbestos matters for the entire district. The most common selections are superintendents, assistant superintendents in charge of business, and heads of maintenance. Once again, please make this decision soon and notify our office promptly. We strongly recommend your LEA AHERA Designee attend the two-hour training program (mandatory for all maintenance and custodial personnel) which will be taking place soon.

HMS, Inc.
HAZARD MANAGEMENT SERVICES, INC.
209-577-8209

TO: AHERA Clients

FROM: James E Sharp, President
Hazard Management Services, Inc.

DATE: July 11, 1988

RE: OLA-AHERA Forms

Within the past few days you have received from the Office of Local Assistance copies of the AHERA MANAGEMENT PLAN REQUIRED FORMS. These long-awaited forms will now enable us to complete your asbestos inspection and management plan reports. It will be necessary for you to complete the first two sections of the AHERA General Data Form A for each site in your District. Then you must send these forms to HMS, Inc. immediately (no later than July 30, 1988).

You will have to make copies of this form so that you complete one for each site. For instance, if you have four separate schools, a district office, a maintenance yard, a bus garage and, perhaps, a separate Special Ed site, you would have to complete eight of the Form A sheets.

You must complete the GENERAL DATA section of the sheet which includes the name of the LEA, the school name, address and phone number, its CDS code, its enrollment and the number of school employees. Hazard Management Services, Incorporated (HMS, Inc.) will complete the number of buildings at each site.

In the LEA AHERA DESIGNEE section you must name the person who will be in charge of your ongoing management plan. You must complete the designee's name, address and phone number. HMS, Inc. will complete the designee's training data.

HMS, Inc. will complete the remainder of the OLA Management Plan (FORMS B-H). In order to tailor the data for your district we will be in contact with you or your AHERA designee. As soon as we complete the forms, they will be returned to you for appropriate signatures so that you can send them to the Office of Local Assistance.

If you have not received these forms please call David Smith of OLA at (916) 445-5177. If you still have questions, please call HMS, Inc. at (209) 577-8209 in Modesto or (916) 723-4350 in Sacramento.

Please complete your sections of Form A and send it to HMS, Inc. immediately. Thank you.

HMS, Inc.
HAZARD MANAGEMENT SERVICES, INC.
209-577-8209

TO: AHERA Clients

FROM: James E Sharp, President
Hazard Management Services, Inc.

DATE: July 11, 1988

RE: AHERA-required School Documents

Hazard Management Services, Incorporated (HMS, Inc.) has been unable to secure certain documents from many of our clients which are needed to develop AHERA management plans. Perhaps we have been asking the wrong people because it has become evident in many schools that previous inspections and asbestos abatement projects have occurred but we have not received records which document these activities.

In order for your AHERA management plan to be correctly completed records of asbestos inspections and asbestos abatement activities must be included. Under 40 CFR Part 763 of AHERA the following documentation of asbestos-related activity prior to December 14, 1987 is required:

1. Date of inspection;
2. Location and square or linear footage of sampled material;
3. Laboratory analysis report;
4. Records of any abatement work undertaken. These abatement records should include, if applicable, the names and addresses of contractors, start and completion dates of the work, and air sampling analysis reports.

If your district has undertaken any abatement activities since December 14, 1987, then you must have all abatement related documentation required by AHERA under Section 763.94. Your records should include the following:

1. Description of action and method used;
2. Location of the abatement activity;
3. Reasons for selecting the measure or action;
4. Start and completion dates of the work;
5. Names and addresses of all contractors;
6. Contractor certification and accreditation documentation;

TO: AHERA Clients
DATE: July 11, 1988
RE: AHERA-required School Documents
Page Two

7. Name and location of waste disposal site (waste manifest);
8. Name and signature of person(s) doing clearance air sampling;
9. Dates and locations of air samples;
10. Laboratory report including a statement that the laboratory meets the applicable requirements of AHERA.

All districts were required to maintain records of inspections for asbestos that were done to satisfy the Asbestos-in-Schools rule of May 27, 1982. We ask that you send us copies of these records so that we may incorporate them into the management plan as required. Send us, also, copies of your records documenting abatement activity prior to and after December 14, 1987. If you have no records, please notify us in writing.

Thank you for your cooperation. If you have any questions regarding these records or other AHERA-related matters, please feel free to call us at (209) 577-8209.

Send copies of records to P.O. Box 7012, Modesto, CA 95355-7012.

Sincerely,

Shirley Cartwright
Project Coordinator

jrs

HMS, Inc.
HAZARD MANAGEMENT SERVICES, INC.
209-577-8209

DATE: May 4, 1988

TO: Asbestos Hazard Emergency Response Act (AHERA) Clients

FROM: James E Sharp, President

RE: Adjusted Asbestos Inspection Schedule

This is an update on HMS, Inc.'s schedule to inspect your school facilities for asbestos in compliance with the Environmental Protection Agency's Asbestos Hazard Emergency Response Act (AHERA). As you know there have been several interpretations of the rules which have caused delays. Since both the EPA and the Office of Local Assistance regulate how the inspections are to be conducted and how the management plans are to be submitted, we have maintained constant communications with both agencies. I think they have their act together now.

Another factor which has caused delay is the add-ons we have experienced in over half of the districts we have inspected. The AHERA regulation says that all buildings owned, leased, or otherwise used as school buildings shall be inspected. This includes district offices, maintenance buildings, bus garages, dormitories, nightwatchmen's homes (if owned by the school), outdoor education facilities, etc. If you own buildings that are abandoned or leased out to others, you do not have to inspect them unless you use them for storage or if any maintenance or custodial personnel provide services there. Of course, if you plan to reoccupy a site, you must inspect it thirty days prior to reoccupancy. Please carefully evaluate your sites so we can accurately anticipate the time and personnel necessary to keep our schedules.

Many of you have already sent in your SP-1A's or similar drawings. We use these to evaluate the time and personnel necessary to complete a districts inspections. I'm sure you are aware that many of these drawings are old and inaccurate. Usually, there have been portables added (sometimes removed), but the add-ons must be inspected. One or two additional portables have little impact, but one district had seventeen extra portables. Of greater impact is the addition of maintenance facilities, outdoor education centers, or other sites which you may not think need to be inspected. Please evaluate all the facilities within your district's uses so that we know, in advance, how to plan our time.

Below you will find a current schedule for our AHERA inspections.