

INSPECTION DOCUMENTS

LEA: CHICO UNIFIED SCHOOL DISTRICT

SCHOOL: BIDWELL JUNIOR HIGH SCHOOL

DATE OF INSPECTION: MARCH 28, 1989

INSPECTOR: MICHAEL C. SHARP

ACCREDITATION: U.C. BERKELEY, P.A.I.C. #191

Michael C. Sharp
*(name of inspector)

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

Deborah 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



Virginia Sutcher
Assistant Dean
University Extension

Deborah Dill
Program Director
Pacific Asbestos Information Center

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: 5305

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: 8715367

Analyst: MF

Sample Number: BID-01B

Site: Bidwell Junior High School

Location: Wood Shop - Mudded Corner.

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:			1-5	%
Chrysotile	1-5	%		
Amosite	(1	%		
Crocidolite	(1	%		
		%		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			60-65	%
Cellulose	(1	%		
Mineral Wool	60-65	%		
Polyethylene	(1	%		
		%		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:			30-35	%
Unspecified Particulates	30-35	%		
		%		
		%		
		%		

Analyst:

David Valane for MF

Supervisor: *DL*

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

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: 5306

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: B715368

Analyst: MF

Sample Number: BID-02B

Site: Bidwell Junior High School

Location: Wood Shop, exhaust ductwrap (spray booth room).

Gross Description: Off-white, fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:			20-30	%
Chrysotile	5-10	%		
Amosite	15-20	%		
Crocidolite	<1	%		
		%		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			<1	%
Cellulose	<1	%		
Mineral Wool	<1	%		
Polyethylene	<1	%		
		%		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:			70-80	%
Unspecified Particulates	70-80	%		
		%		
		%		
		%		

Analyst:

Daniel Kelian for MF

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

FDR

Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 5307

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: B715369

Analyst: MF

Sample Number: BID-03B

Site: Bidwell Junior High School

Location: Metal Shop, middle layer duct wrap,
spray booth room.

Gross Description: White, fibrous material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:			20-25	%
Chrysotile	1-5	%		
Amosite	15-20	%		
Crocidolite	<1	%		
		%		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			<1	%
Cellulose	<1	%		
Mineral Wool	<1	%		
Polyethylene	<1	%		
		%		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:			75-80	%
Unspecified Particulates	75-80	%		
		%		
		%		
		%		

Analyst: David Kelane for MF

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: 5308

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: 8715370

Analyst: MF

Sample Number: RID-04B

Site: Bidwell Junior High School

Location: Metal Shop, inner layer duct wrap,
spray booth room.

Gross Description: Off-White, fibrous powder.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

15-20 %

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

<1 %

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

80-85 %

Unspecified Particulates	80-85	%
		%
		%
		%

Analyst:

David Kuhn for MF

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

FDR

Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 5309

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: 8715371

Analyst: MF

Sample Number: BID-05R-A

Site: Bidwell Junior High School

Location: Room #105/105-A, ceiling plaster.

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

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:

David Keln for MF

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

FDR

Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 5310

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: 8715372

Sample Number: BID-06B

Site: Bidwell Junior High School

Analyst: MF

Location: Ceiling Plaster - Composite Rooms
#202, 201, 101 and 102 (split sample)

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

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:

David Sch for MF

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: 5311

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: 8715373

Sample Number: BID-07B

Site: Bidwell Junior High School

Analyst: MF

Location: Muddled corner on - Attic space in Room
#408

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

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

Analyst:

David Kahn for MF

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: 5312

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: 8715374

Sample Number: BID-08

Site: Bidwell Junior High School

Analyst: MF

Location: PM straight MPR classroom.

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	25-30	%	30-35	%
Amosite	1-5	%		
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	60-65	%	60-65	%
		%		
		%		
		%		

Analyst:

David Kohn for MF

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

FDR

Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 5313

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: B715375

Analyst: MF

Sample Number: BID-09

Site: Bidwell Junior High School

Location: PW corner MPR classroom.

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	5-10	%
Mineral Wool	50-60	%
Polyethylene	<1	%
		%

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

30-35 %

Unspecified Particulates	30-35	%
		%
		%
		%

Analyst: David Kuhn for MF

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

FDR

Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 5314

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: B715376

Sample Number: BID-10B

Site: Bidwell Junior High School

Analyst: MF

① Location: PW Corner - Kitchen under dishwasher.

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	1-5	%	70-75	%
Mineral Wool	65-70	%		
Polyethylene	<1	%		
		%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	25-30	%	25-30	%
		%		
		%		
		%		

Analyst:

David K. H. for MF

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

FDR

Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 5315

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: 8715377

Analyst: MF

Sample Number: BID-11

Site: Bidwell Junior High School

Location: Kitchen - Boiler Wrap Insulation.

Gross Description: Black, tar-like material.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	85-90	%	85-90	%
		%		
		%		
		%		

Analyst:

David Kelen for MF

Supervisor:

DLQ

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: 5316

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: 8715378

Analyst: MF

Sample Number: BID-12B

Site: Bidwell Junior High School

Location: Kitchen - NW Corner, boiler room.

Boiler Wrap

Gross Description: Off-White, fibrous wrap.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	60-65	%
Amosite	<1	%
Crocidolite	<1	%

60-65 %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

5-10 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	25-35	%
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25-35 %

Analyst:

Daryl Leh for MF

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: 5317

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: B715379

Analyst: MF

Sample Number: BID-13B

Site: Bidwell Junior High School

Location: Kitchen - NW Corner, boiler room.

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:			70-75	%
Cellulose	1-5	%		
Mineral Wool	65-70	%		
Polyethylene	<1	%		
		%		
TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:			25-30	%
Unspecified Particulates	25-30	%		
		%		
		%		
		%		

Analyst: Daryl Kell for MF

Supervisor: DK

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: 5318

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: 8715380

Sample Number: BID-14

Site: Bidwell Junior High School

Analyst: MF

Location: P.E. - NW Corner, boiler room.

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	10-15	%	65-75	%
Mineral Wool	55-60	%		
Polyethylene	<1	%		
		%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	25-35	%	25-35	%
		%		
		%		
		%		

Analyst:

David Kell for MF

Supervisor:

Dee

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: 5319

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: 8715381

Analyst: MF

Sample Number: BID-15B

Site: Bidwell Junior High School

Location: P.E. - Boiler Room, tank wrap.

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	1-5	%	65-70	%
Mineral Wool	60-65	%		
Polyethylene	<1	%		
		%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

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

Analyst: Daryl Kohn for MF

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: 5320

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: B715382

Analyst: MF

Sample Number: BID-16B

Site: Bidwell Junior High School

Location: Boy's Locker Room - Coach's Office,
woven clothwrap.

Gross Description: Off-white, fibrous wrap.

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

	90-95	%
Chrysotile	90-95	%
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:

	5-10	%
Unspecified Particulates	5-10	%

Analyst:

David J. Johnson for MF

Supervisor: *DC*

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

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Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

BULK ASBESTOS ANALYSIS REPORT

FDR

Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 5321

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: B715383

Sample Number: BID-17B

Site: Bidwell Junior High School

Analyst: MF

Location: Gym - Boiler Room, on straight.

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	15-20	%
Amosite	15-20	%		
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	75-80	%	75-80	%
		%		
		%		
		%		

Analyst:

David Loh for MF

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

FDR

Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 5322

Date Received: 09/10/87

Date Examined: 09/15/87

Lab Number: 8715384

Analyst: MF

Sample Number: BID-18B

Site: Bidwell Junior High School

Location: Gym - Boiler Room, pw corner.

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

MICROSCOPIC DESCRIPTION:

TOTAL ASBESTOS PRESENT:

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

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	1-5	%	70-75	%
Mineral Wool	65-70	%		
Polyethylene	<1	%		
		%		

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	15-25	%	15-25	%
		%		
		%		
		%		

Analyst:

Paul Lal for MF

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. ASBESTOS ANALYSIS LABORATORY REQUEST FORM

HAZARD MANAGEMENT SERVICES, INC. CHERO

Client Number Report Number District or Business

Received By Date Rec'd School Bidwell Sr. High

OR Bldg

Reported Results Date/Time/By Sent to Lab by: date

Collected by: MCS Date 7/28

LAB Request: % Asbestos By PLM

FASI Lab#	Sample #HMS-	1 - 1 page No	MATERIALS/LOCATION	% Asbestos
	CUSC BSH 100A		M: Hard PLASTER	0
			L: Boy's locker coaches office	0
	100B		M: Hard PLASTER	0
			L: m-r chair storage	0
	100C		M: Hard PLASTER	0
			L: Kitchen	0
	101A		M: FCP	0
			L: Unit 700 Rm 3	0
	101B		M: FCP	0
			L: Unit 200 Classroom	0
	101C		M: FCP	0
			L: Unit 600 Rm 8	0
	102A		M: Drywall	0
			L: 800 wing Library	0
	102B		M: Drywall	0
			L: 800 wing Furnace Rm	0
	102C		M: Drywall	0
			L: 800 wing Furnace Rm	0
	103A		M: Drywall	0
			L: 600 wing Rm 8 (Above FCPs)	0

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District or Business

P.O. Box 7012, Modesto, Ca 95355

Billing Address:

505 82 1/2

82/3

Collected by:

Date

Sent to Lab by:

date

LAB Request: % Asbestos By PLM

FASI Lab#	Sample #HMS-	I - I page No	MATERIALS/LOCATION	% Asbestos
	CSC BTH 103B		N: Drywall L: Woodshop Unit Rn	①
	103C		N: Dry wall L: store room	①
	104A		N: Hard PLASTER L: Unit 700 RR	①
	104B		N: Hard PLASTER L: Unit 700 RR	②
	104C		N: Hard PLASTER L: Unit 700 RR	②
			N: L:	
			N: L:	
			N: L:	
			N: L:	
			N: L:	
			N: L:	

By Monday 3/13

RJST

FORENSIC ANALYTICAL SPECIALTIES INC. - ASBESTOS ANALYSIS LABORATORY REQUEST FORM

BULK SAMPLES

3777 Depot Rd: Suite 408 Hayward, Ca. 94545

(415) 887-8828

Page of

HAZARD MANAGEMENT SERVICES, INC.

Bill To:

P.O. Box 7012, Modesto, Ca 95355

Billing Address:

Client Number Report Number

Received By Date Rec'd

Reported Results Date/Time/By

Collected by:

3/10

MCS

Sent to Lab by:

Date

LAB Request: % Asbestos By PLM

District or Business

School Bidwell Jr. High

OR

Bldg Choral Room

date

FAS Lab#	Sample #/MS-	1 - 1 page No	MATERIALS/LOCATION	% Asbestos
	BED-3r-100A		M: Drywall L: music Bldg choral Room ceiling	41
	100B		M: Drywall L: music Bldg choral Room wall (practice room)	10%
	100C		M: Drywall L: music Bldg choral Room wall (practice room)	41
			M:	
			L:	
			M:	
			L:	
			M:	
			L:	
			M:	
			L:	
			M:	
			L:	
			M:	
			L:	

Handwritten signature and date 3/13