

Forensic Analytical Specialties, Inc.

Bulk Material Analysis Report

Client:
Hazard Management Services, Inc.

Client Number: 146
Report Number: 20919
Date Received: 01/30/89
Date Examined: 02/16/89

P.O. Box 7012
Modesto, CA 95355

Lab Number: 8904126
Sample Number: RSD - 200A
Site:

Analyst: JM

Location:

P.O./Job ID: Chico Unified School District/Rosedale.

Gross Description: Off-white tile-like material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

Non-Det. %
Non-Det. %
Non-Det. %
%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass
Polyethylene

Trace %
Non-Det. %
Non-Det. %
%

Trace %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

98-99 %
%
%
%

98-99 %

Supervisor: _____

David Kahane
David Kahane

SEE REVERSE FOR EXPLANATION OF TERMS AND REPORTING PRACTICES

Analytical method: 40 CFR 763, Subpart F, Appendix A (AHERA)

NVLAQ

Accredited by the National Bureau of Standards, National Voluntary Laboratories Accreditation Program for selected test methods for asbestos.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

3777 Depot Road, Suite 406 - 408, Hayward, CA 94545 415/887-8828 FAX 415/887-4218

Forensic Analytical Specialties, Inc.

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

Client Number: 146
Report Number: 20919
Date Received: 01/30/89
Date Examined: 02/17/89

Lab Number: 8904127
Sample Number: RSD - 200B
Site:

Analyst: JM

Location:

P.O./Job ID: Chico Unified School District/Rosedale.

Gross Description: Off-white tile-like material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

Non-Det. %
Non-Det. %
Non-Det. %
%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass
Polyethylene

Trace %
Non-Det. %
Non-Det. %
%

Trace %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

98-99 %
%
%
%

98-99 %

Supervisor: _____

David Kahane
David Kahane

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Analytical method: 40 CFR 763, Subpart F, Appendix A (AHERA)

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F Forensic Analytical Specialties, Inc.

Bulk Material Analysis Report

Client:
Hazard Management Services, Inc.

Client Number: 146
Report Number: 20919
Date Received: 01/30/89
Date Examined: 02/17/89

P.O. Box 7012
Modesto, CA 95355

Lab Number: 8904128
Sample Number: RSD - 200C
Site:

Analyst: JM

Location:

P.O./Job ID: Chico Unified School District/Rosedale.

Gross Description: Off-white tile-like material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

Non-Det. %
Non-Det. %
Non-Det. %
%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass
Polyethylene

Trace %
Non-Det. %
Non-Det. %
%

Trace %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

98-99 %
%
%
%

98-99 %

Supervisor: _____

David Kahane
David Kahane

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Analytical method: 40 CFR 763, Subpart F, Appendix A (AHERA)

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Modesto, CA 95355

Client Number: 146
Report Number: 20919
Date Received: 01/30/89
Date Examined: 02/17/89

Lab Number: 8904129
Sample Number: RSD - 201A
Site:

Analyst: JM

Location:

P.O./Job ID: Chico Unified School District/Rosedale.

Gross Description: Grey fibrous ceiling tile-like material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

Non-Det. %
Non-Det. %
Non-Det. %
%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass
Polyethylene

35-40 %
35-40 %
Non-Det. %
%

75-80 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates
Perlite

1-5 %
15-20 %
%
%

20-25 %

Supervisor: _____

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David Kahane

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Analytical method: 40 CFR 763, Subpart F, Appendix A (AHERA)

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Date Received: 01/30/89
Date Examined: 02/17/89

P.O. Box 7012
Modesto, CA 95355

Lab Number: 8904130
Sample Number: RSD - 201B
Site:

Analyst: JM

Location:

P.O./Job ID: Chico Unified School District/Rosedale.

Gross Description: Grey fibrous ceiling tile-like material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite
Crocidolite

Non-Det. %
Non-Det. %
Non-Det. %
%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass
Polyethylene

35-40 %
35-40 %
Non-Det. %
%

75-80 %

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates
Perlite

1-5 %
15-20 %
%
%

20-25 %

Supervisor: _____

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David Kahane

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Modesto, CA 95355

Client Number: 146
Report Number: 20919
Date Received: 01/30/89
Date Examined: 02/17/89

Lab Number: 8904131
Sample Number: RSD - 201C
Site:

Analyst: JM

Location:

P.O./Job ID: Chico Unified School District/Rosedale.

Gross Description: Grey fibrous ceiling tile-like material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile	Non-Det. %	Non-Det. %
Amosite	Non-Det. %	
Crocidolite	Non-Det. %	
	%	

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	35-40 %	75-80 %
Fibrous Glass	35-40 %	
Polyethylene	Non-Det. %	
	%	

TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	1-5 %	20-25 %
Perlite	15-20 %	
	%	
	%	

Supervisor: _____

David Kahane
David Kahane

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Analytical method: 40 CFR 763, Subpart F, Appendix A (ANERA)

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Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

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Client Number Report Number District or Business School Rosedale Elementary
 Received By Date Rec'd OR
 Billing Address: Bldg date 3-31-88
 Reported Results Date/Time/By Collected by: Date Sent to Lab by:
 LAB Request: % Asbestos By PLM

HAZARD MANAGEMENT SERVICES, INC

Bill To:
 P.O. Box 7012, Modesto, Ca 95355
 Billing Address:

Sample #HMS-Lab#	I - 1 page No	MATERIALS/LOCATION	% Asbestos
RSD-01A		M: Semi-Hard ceiling Plaster L: Unit D Room 10	1-5
RSD-02A		M: Hard wall Plaster L: Unit D Room 11	<1
RSD-03		M: Green 9" JET L: Unit D Room 19 Entrance Hallway	5-10
RSD-01B		M: Semi-Hard ceiling Plaster L: Unit A Room 19 Entrance Hallway	1-5
RSD-01C		M: Semi-Hard ceiling Plaster L: ceiling of Unit D Room 15 WPR	1-5
RSD-01D		M: Semi-Hard ceiling Plaster L: Unit D Room 20 Hallway	1-5
RSD-01E		M: Semi-Hard ceiling Plaster L: Unit D Room 15 WPR	1-5
RSD-01F		M: Semi-Hard ceiling Plaster L: Unit D Room 15 WPR	1-5
RSD-01G		M: Semi-Hard ceiling Plaster L: Unit D Room 20 Hallway	1-5
RSD-02B		M: Hard wall Plaster L: Unit D Room 19 Entrance Hallway	<1

HAZARD MANAGEMENT SERVICES, INC.
 District or Business: School Rasedale Elementary
 OR Bldg
 Bill To: P.O. Box 7012, Modesto, Ca 95355
 Billing Address:
 Report Number:
 Date Rec'd:
 Reported Results: Date/Time/By: Collected by: Date: Sent to Lab by: date: 3-31-88
 LAB Request: % Asbestos By PLM

FASI Lab#	Sample #HMS-	I - 1 page No	MATERIALS/LOCATION	% Asbestos
	RSD-02C		M: Hard wall Plaster L: Unit D Room 20 Hallway	< 1
	RSD-02D		M: Hard wall Plaster L: Unit D Room 16 wall	< 1
	RSD-02E		M: Hard wall Plaster L: Unit D Room 16 wall	< 1
	RSD-02F		M: Hard wall Plaster L: Unit D Room 16 Ceiling	< 1
	RSD-02G		M: Hard wall Plaster L: Unit D Room 16 ceiling	< 1
	RSD-04A		M: Hard Trowled on Plaster wall & ceiling L: wall of unit C Room 5	< 1
	RSD-04B		M: Hard Trowled on Plaster wall & ceiling L: ceiling of unit C Room 5	< 1
	RSD-04C		M: Hard Trowled on Plaster wall & ceiling L: wall of unit C Room 6	< 1
	RSD-04D		M: Hard Trowled on Plaster wall & ceiling L: ceiling of unit C Room 6	< 1
	RSD-04E		M: Hard Trowled on Plaster wall & ceiling L: unit A Room 4 Custodian closet	< 1

Client Number Report Number
 Received By Date Rec'd
 HAZARD MANAGEMENT SERVICES, INC.
 Bill To: District or Business
 P.O. Box 7012, Modesto, Ca 95355 School Rosedale Elementary
 Billing Address: OR
 Bldg

Reported Results Date/Time/By Collected by: Date Sent to Lab by: date 3-31-88
 LAB Request: % Asbestos By PLM

FASI Lab#	Sample #HMS-	I - 1 page No	MATERIALS/LOCATION	% Asbestos
	RSD-05		M: Debris L: Access Panel for Radiator Unit D Room 19	65-70
	RSD-06		M: Pipe Wrap STRAIGHT L: Unit D Room 17	1-5
	RSD-07		M: Mudded Joint L: Unit D Room 17	1-5
	RSD-08		M: Ceiling Materials L: Walk-in Refrigerator Unit D Room 16A	<1
	RSD-09		M: Beige 9" VFT L: Unit C 1 Room 1	1-5
	RSD-10		M: 1X1 Perforated Acoustic Ceiling tiles L: Unit C 1 Room 1	<1
	RSD-11A		M: Mudded Joint L: Unit A Room 3 Boiler Room	70-75
	RSD-11B		M: Mudded Joint L: Unit A Room 3 Boiler Room	70-75
	RSD-11C		M: Mudded Joint L: Unit A Room 3 Boiler Room	70-75
	RSD-12		M: 1X12 Acoustical tiles L: Portable Support unit	<1

HAZARD MANAGEMENT SERVICES, INC.
 Client Number Report Number District or Business
 Received By Date Rec'd Billing Address: School Rosedale Elementary
 OR
 Bldg

Reported Results Date/Time/By Collected by: Date Sent to Lab by: date
 LAB Request: % Asbestos By PLM 3-31-88

FASI Lab#	Sample #HMS-	I - 1 page No	MATERIALS/LOCATION	% Asbestos
	RSD-13		M: Acoustical ceiling panel L: Unit E Room 1	<1
	RSD-14		M: Linoleum Flooring and Backing L: Unit E	<1
	RSD-15		M: 9" white VFT & Adhesive L: Unit E Room 14	15-20
	RSD-16		M: 12" Square Acoustical Ceiling tile L: Unit E Room 3	<1
	RSD-17		M: ceiling Panels L: Unit 6 Room 1 Library	<1
	RSD-18		M: 12" white VFT L: Portable Unit I Room 21	<1
	RSD-19		M: ceiling Panels L: Portable Unit I Room 21	<1
	RSD-20A		M: Hard Plaster wall L: Unit 6 Mens Bathroom	<1
	RSD-20B		M: Hard Plaster ceiling L: Unit 6 Mens Bathroom	<1
	RSD-20C		M: Hard Plaster wall L: Unit 6 Womens Bathroom	<1

SIX-MONTH SURVEILLANCE

DISTRICT CHICO UNIFIED SCHOOL DISTRICT DATE 12/27/89

SCHOOL Rosedale Elementary School INSPECTOR Robert Peters

BLDG.	HOMOG. MAP.	ASBESTOS MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
X	Ceiling plaster	1 - 5	Room 2, both R.R.	(7) Removed
A	Mud Jnts	70 - 75	Room 3, Boiler Room	(7) Removed
B	Ceiling plaster	1 - 5	Room 9 & 7 Lounge & RR <i>Staf A 11/14</i>	(7) Removed
B	Beige 9" VFT	1 - 5	Room 1 (5 classrooms)	(7) Removed
X	Beige 9" VFT	1 - 5	Room 1 (5 classrooms)	(7) Removed
X	Ceiling plaster	1 - 5	Unit D all rooms except	(7) Removed
			Kitchen area	(1) Good - paint peeling
D	Green 9" VFT	5 - 10	Rm 11, 15, 17, 16, 18, 20 <i>chiff</i>	(1) Good
D	Green 9" VFT	5 - 10	Rm 20, 19, 10, 11, 12, 13 <i>Conf. Smt. 11/14</i>	(7) Removed
D	PW Debris	65 - 70	Rm 19 access to radiator	(7) Removed
D	4" PW Str	1 - 5	Rm 17 storage (MP)	(7) Removed

CONDITION CODES

GENERAL CONDITION: (1) GOOD (2) DAMAGED (3) SIGNIFICANTLY DAMAGED (DAMAGED 2 & OR MORE)
 CHANGE IN CONDITION: (4) NO (5) YES [IF YES, EXPLAIN UNDER COMMENTS]
 ABATED: (6) REPAIRED (7) REMOVED (8) ENCAPSULATED (9) ENCLOSED (10) ISOLATED & RESTRICTED

SIX-MONTH SURVEILLANCE

DISTRICT CHICO UNIFIED SCHOOL DISTRICT DATE 12/27/89

SCHOOL Rosedale Elementary School INSPECTOR Robert Peters

BLDG.	HOMOG. MAT.	ASBESTOS MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
D	PW Cnr	1 - 5	Rm 17 storage (MP)	(7) Removed
B	Beige 9" VFT	1 - 5	Rm 2 A & B, Rms 1 & 3 <i>Storage (5)</i>	(7) Removed
#	White 9" VFT	15 - 20	Rm 14 and classrooms	(1) Good

CONDITION CODES

- GENERAL CONDITION: (1) GOOD (2) DAMAGED (3) SIGNIFICANTLY DAMAGED (DAMAGED 2 & OR MORE)
 CHANGE IN CONDITION: (4) NO (5) YES [IF YES, EXPLAIN UNDER COMMENTS]
 ABATED: (6) REPAIRED (7) REMOVED (8) ENCAPSULATED (9) ENCLOSED (10) ISOLATED & RESTRICTED