

# 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: 7273

Date Received: 04/09/88

Date Examined: 04/13/88

Lab Number: 8810510

Analyst: MF

Sample Number: SVE-16B

Site: Serria View Elementary (SVE) - Chico Unified School District.

Location: Girl's Rest Room - Wall Plaster.

P.O.: Serria View Elementary (SVE) - Chico USD

Gross Description: White wall plaster.

### MICROSCOPIC DESCRIPTION:

#### TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	<1	%
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	60-65	%	98-99	%
Perlite	30-35	%		

Analyst:

*Michelle Fay*

Supervisor:

*[Signature]*

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

# 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: 7273  
Date Received: 04/09/88  
Date Examined: 04/13/88

Lab Number: 8810511

Analyst: MF

Sample Number: SVE-16C

Site: Serria View Elementary (SVE) - Chico Unified School District.

Location: Unit "E" - Custodial Room, wall plaster.

P.O.: Serria View Elementary (SVE) - Chico USD

Gross Description: White wall plaster.

### MICROSCOPIC DESCRIPTION:

#### TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	<1	%
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	60-65	%	98-99	%
Perlite	30-35	%		

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: 7273

Date Received: 04/09/88

Date Examined: 04/13/88

Lab Number: 8810512

Sample Number: SVE-16D

Analyst: MF

Site: Serria View Elementary (SVE) - Chico Unified School District.

Location: Unit "E" - Boy's Rest Room, wall plaster.

P.O.: Serria View Elementary (SVE) - Chico USD

Gross Description: White wall plaster.

## MICROSCOPIC DESCRIPTION:

### TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	<1	%
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	60-65	%	98-99	%
Perlite	30-35	%		

Analyst:

*Michelle Fox*

Supervisor:

*[Signature]*

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

# Forensic Analytical Specialties, Inc.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences  
BULK ASBESTOS ANALYSIS REPORT

FOR

Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 7273

Date Received: 04/09/88

Date Examined: 04/13/88

Lab Number: 8810513

Sample Number: SVE-16E

Analyst: MF

Site: Serria View Elementary (SVE) - Chico Unified School District.

Location: Unit "F" - Room #4, wall plaster.

P.O.: Serria View Elementary (SVE) - Chico USD

Gross Description: White wall plaster.

## MICROSCOPIC DESCRIPTION:

### TOTAL ASBESTOS PRESENT:

Chrysotile	<1	%	<1	%
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	60-65	%	98-99	%
Perlite	30-35	%		

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: 7273

Date Received: 04/09/88

Date Examined: 04/13/88

Lab Number: 8810514

Sample Number: SVE-17

Analyst: MF

Site: Serria View Elementary (SVE) - Chico Unified School District.

Location: Unit "F" - 12" Acoustical Tile.

P.O.: Serria View Elementary (SVE) - Chico USD

Gross Description: Off white fibrous ceiling tile.

## MICROSCOPIC DESCRIPTION:

### TOTAL ASBESTOS PRESENT:

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

### TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

### TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	5-10	%
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Analyst:

*Michelle J. Fox*

Supervisor:

*MF*

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

# Forensic Analytical Specialties, Inc.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences  
BULK ASBESTOS ANALYSIS REPORT

FOR

Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 7273

Date Received: 04/09/88

Date Examined: 04/13/88

Lab Number: 8810515

Sample Number: SVE-18

Site: Serria View Elementary (SVE) - Chico Unified School District.

Location: Unit "F" - Room #2/Class Room #16.

P.O.: Serria View Elementary (SVE) - Chico USD

Gross Description: Dark green fibrous debris.

Analyst: DK

## MICROSCOPIC DESCRIPTION:

### TOTAL ASBESTOS PRESENT:

Chrysotile

Amosite

Crocidolite

None Det %

None Det %

None Det %

%

None Det %

### TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose

Mineral Wool

Polyethylene

Other Fibers

Detected %

Detected %

Detected %

Detected %

Detected %

### TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates

Detected %

%

%

%

Detected %

Analyst:

*Michelle Fox*

Supervisor:

*[Signature]*

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

# Forensic Analytical Specialties, Inc.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences  
BULK ASBESTOS ANALYSIS REPORT

FOR

Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 7273

Date Received: 04/09/88

Date Examined: 04/13/88

Lab Number: 8810516

Sample Number: SVE-19

Analyst: MF

Site: Serria View Elementary (SVE) - Chico Unified School District.

Location: County Building - Portable - 2x4 Panels, ceiling.

P.O.: Serria View Elementary (SVE) - Chico USD

Gross Description: Off white fibrous ceiling tile.

## MICROSCOPIC DESCRIPTION:

### TOTAL ASBESTOS PRESENT:

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

### TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose	15-20	%	60-70	%
Mineral Wool	45-50	%		
Polyethylene	<1	%		

### TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	5-10	%	30-40	%
Perlite	25-30	%		

Analyst:

*Michelle Fox*

Supervisor:

*DO*

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

# Forensic Analytical Specialties, Inc.

Consulting and Laboratory Services in the Forensic and Environmental Health Sciences

## BULK ASBESTOS ANALYSIS REPORT

FOR

Client:

Hazard Management Services, Inc.

P.O. Box 7012

Modesto, CA 95355

Client Number: 146

Report Number: 7273

Date Received: 04/09/88

Date Examined: 04/13/88

Lab Number: 8810517

Sample Number: SVE-20

Analyst: MF

Site: Serria View Elementary (SVE) - Chico Unified School District.

Location: Unit "H" - Work Room, acoustic ceiling tile.

P.O.: Serria View Elementary (SVE) - Chico USD

Gross Description: Off white fibrous ceiling tile.

### MICROSCOPIC DESCRIPTION:

#### TOTAL ASBESTOS PRESENT:

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

#### TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

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

#### TOTAL NON-ASBESTOS NON-FIBROUS MATERIAL PRESENT:

Unspecified Particulates	5-10	%
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Analyst:

*Michelle Far*

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.



## HAZARD MANAGEMENT SERVICES, INC.

## Inspection Form I-1

DISTRICT \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_

SCHOOL Sierra View ElementaryDate 3-29-88Building Intermediate wing Unit E

Inspector \_\_\_\_\_

Location Boiler room  
(functional area)HMS-SVE - 12Material: Surfacing (TSI) Misc.% Asbestos 60-65Description Mudded jointAmount of Material (NF) / F 30 corners (ft<sup>2</sup>/lf) Assumed ACM: Y / N # of samples

CONDITION: % 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:

accessibility - moderate because  
some pipes are within reach.

## REMEDIAL ACTIONS

isolate/restrict repair/cleanup

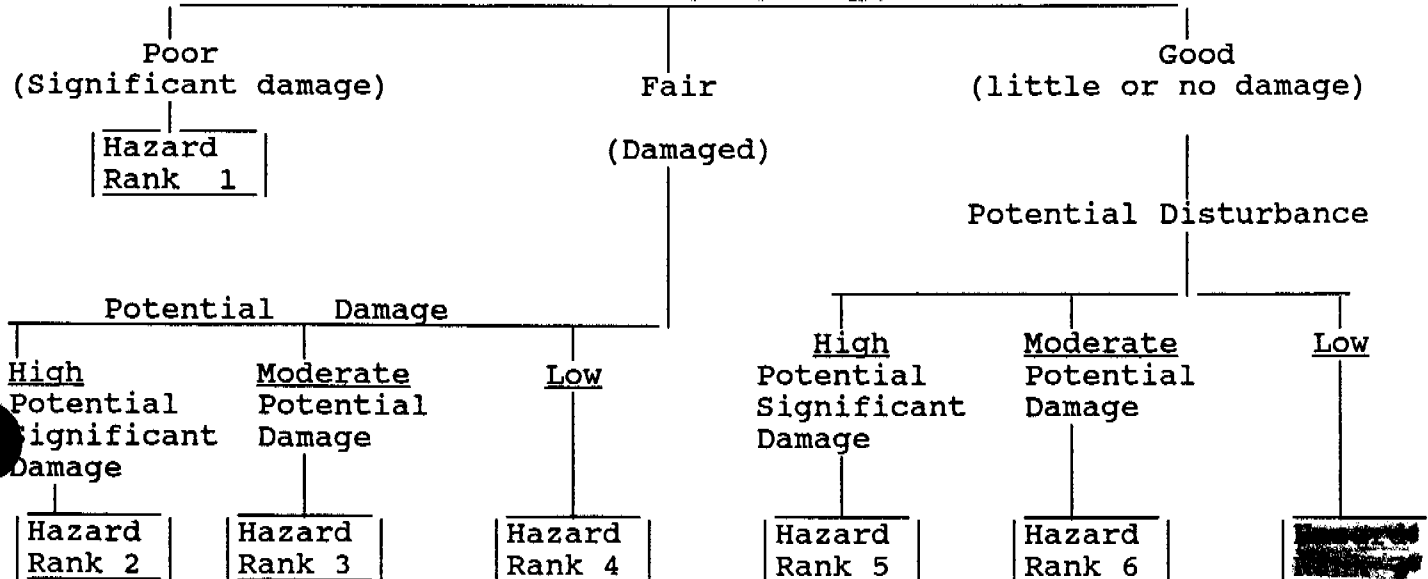
enclose

encapsulate

remove

O&M

## ACBM Condition - Assessment



## HAZARD MANAGEMENT SERVICES, INC.

## Inspection Form I-1

DISTRICT \_\_\_\_\_

Page \_\_\_\_ of \_\_\_\_

SCHOOL Sierra ViewDate 3-29-88Building Unit DInspector RBLocation Room 11 (Storage Room)  
(functional area)HMS- SVE-07Material: Surfacing TSI Misc.  
Description Muddled corner% Asbestos 15-20Amount of Material (NF) / F) 5 (ft<sup>2</sup>) (lf) Assumed ACM: Y / N # of samples 1

CONDITION: % damaged:

Extent of damage:

0% <1% 1-10% 11-25% >25%none local distributed

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

DESCRIPTION: Excellent condition of wrap.

## POTENTIAL FOR DISTURBANCE:

## PREVENTATIVE MEASURES:

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

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

COMMENTS: Some O&M as  
pipewrap straight.

## REMEDIAL ACTIONS

isolate/restrict repair/cleanup

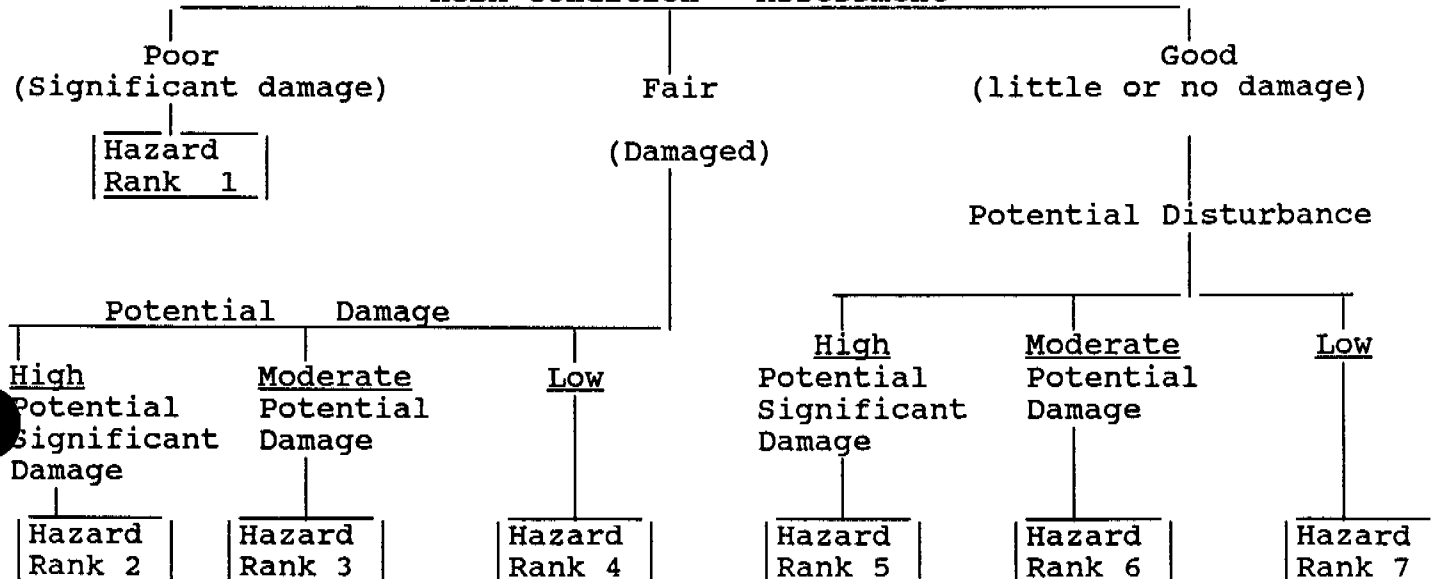
enclose

encapsulate

remove

O&M

## ACBM Condition - Assessment



## HAZARD MANAGEMENT SERVICES, INC.

## Inspection Form I-1

DISTRICT \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_

SCHOOL Sierra ViewDate 3-29-88Building Unit DInspector RBLocation Room 11 storage closet  
(functional area)HMS-SVE-00

Material: Surfacing (TSI) Misc. % Asbestos 5-10  
 Description 3" OD pipewrap from compressor to Refrigerator unit.  
 Amount of Material (NF) / F 13/0 (ft<sup>2</sup>) (lf) Assumed ACM: Y / N # of samples

CONDITION: % damaged: Extent of damage: \_\_\_\_\_  
 0% <1% 1-10% 11-25% >25% none local distributed

Type damage: air; deterioration; water; physical flaking

DESCRIPTION: Pipewrap in excellent condition except in two areas with cracks possibly due to vibration from the fan unit - not friable

## POTENTIAL FOR DISTURBANCE:

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

## PREVENTATIVE MEASURES:

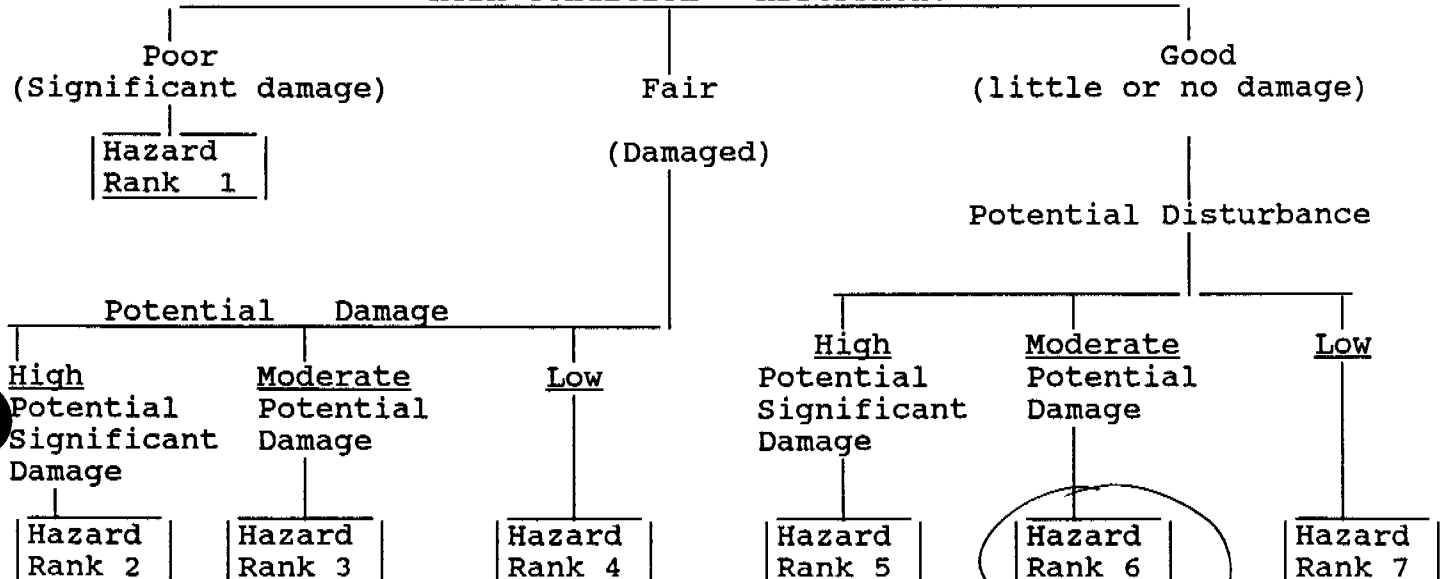
1. Fix Leaks
2. Prevent water contact
3. Do not DCSG
4. Do not affix signs/deco's
5. Avoid contact

COMMENTS: Fan is pointed or directed < 6" away at pipewrap. Vibration probably has caused pipewrap to crack. Otherwise in very good shape. Pipewrap should be rewrapped in two small areas.

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

Storage of equip should also be eliminated.  
Not friable - may become so - should be repaired.

## ACBM Condition - Assessment



## HAZARD MANAGEMENT SERVICES, INC.

## Inspection Form I-1

DISTRICT \_\_\_\_\_

Page \_\_\_\_ of \_\_\_\_

SCHOOL Sierra ViewDate 3-29-88Building Unit AInspector RBLocation Room 1 Boiler room  
(functional area)HMS-SVE-11 A, BMaterial: Surfacing TSI Misc. % Asbestos 5-45  
Description 6-8" OD pipewrap cornerAmount of Material (NF) / F 35 (ft<sup>2</sup>) (If) Assumed ACM: Y / N # of samples 2

CONDITION: % damaged:

Extent of damage:

<1% 1-10% 11-25% >25%local distributedType damage: air; deterioration; water; physical; flakingDESCRIPTION: Generally pipewrap in very good condition. Some cracking of pipewrap visible at joints - no real damage.

## POTENTIAL FOR DISTURBANCE:

## PREVENTATIVE MEASURES:

Accessibility: H (M) L  
 Vibration : H (M) L  
 Air Erosion : H M (I)  
 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: M + D exposure to accessibility, vibration from Boiler possible.  
No friable materials.  
Repairs would ensure no materials become friable.

## REMEDIAL ACTIONS

isolate/restrict repair/cleanup

enclose

encapsulate

remove

O&M

## ACBM Condition - Assessment

Poor  
(Significant damage)

Fair

Good  
(little or no damage)Hazard  
Rank 1

(Damaged)

Potential Disturbance

Potential Damage

High  
Potential  
Significant  
DamageModerate  
Potential  
Damage

Low

Hazard  
Rank 2Hazard  
Rank 3Hazard  
Rank 4High  
Potential  
Significant  
DamageModerate  
Potential  
Damage

Low

Hazard  
Rank 5Hazard  
Rank 6Hazard  
Rank 7

## HAZARD MANAGEMENT SERVICES, INC.

## Inspection Form I-1

DISTRICT Chico UnifiedPage      of     SCHOOL Sierra ViewDate     Building Unit 6Inspector     Location Room 6, Bathrooms, Custodial Rm, Book Storage Rm HMS- SUE-15  
(functional area)Material: Surfacing TSI Misc. % Asbestos 1-5Description Ceiling Plaster (hard)Amount of Material (NF / F) 850 (ft<sup>2</sup>/lf) Assumed ACM: Y / N # of samples 3

CONDITION: % damaged: Extent of damage:

0% <1% 1-10% 11-25% >25% none local distributed

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

DESCRIPTION: All ceilings are in excellent shape

## 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: ceilings are high  
enough to not be  
affected by items being  
stored

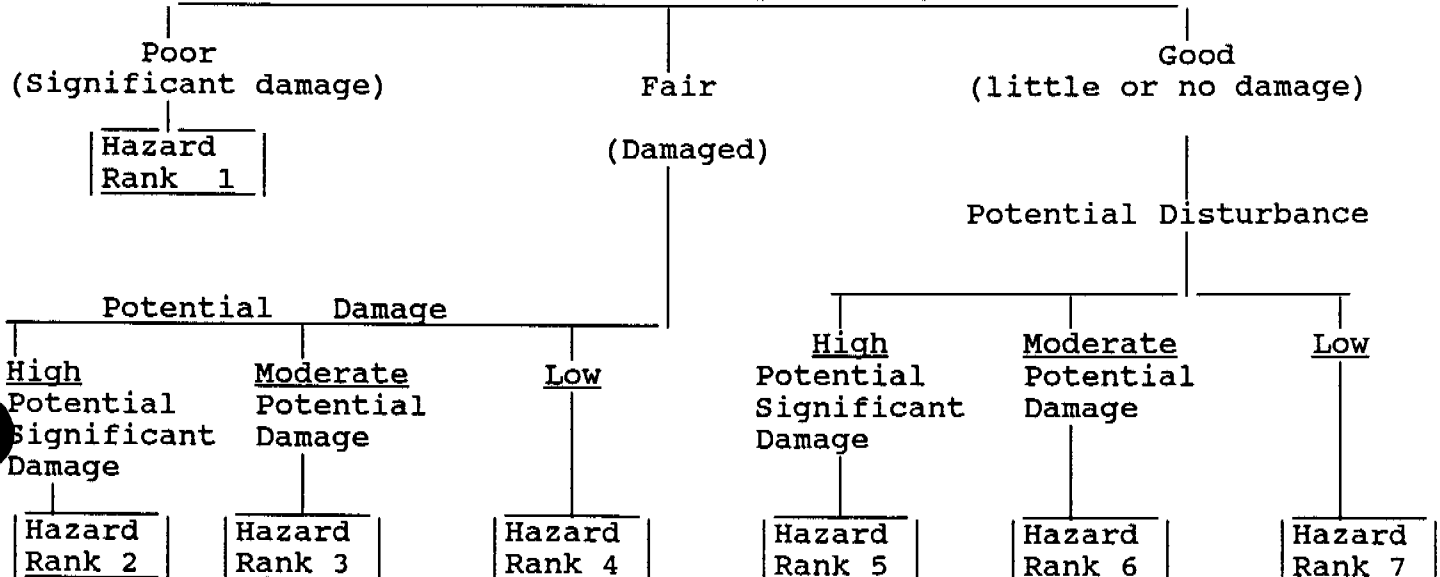
REMEDIAL ACTIONS  
 isolate/restrict repair/cleanup

enclose encapsulate

remove

O&M

## ACBM Condition - Assessment



## HAZARD MANAGEMENT SERVICES, INC.

## Inspection Form I-1

DISTRICT \_\_\_\_\_

Page \_\_\_\_ of \_\_\_\_

SCHOOL Sierra View Elem.Date 3-29-84Building Unit DInspector RBLocation Room 11 (Multipurpose)  
(functional area)HMS-SVE-03E, F, GMaterial: Surfacing TSI Misc. % Asbestos 1-5  
Description Hard ceiling PlasterAmount of Material (NF) / F 2,304 (ft<sup>2</sup>/lf) Assumed ACM: Y / N # of samples 3

CONDITION: % damaged: Extent of damage:

0% <1% 1-10% 11-25% >25% none local distributed

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

DESCRIPTION: Excellent shape of ceiling plaster

## 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: Very high ceiling ~14-16'

## REMEDIAL ACTIONS

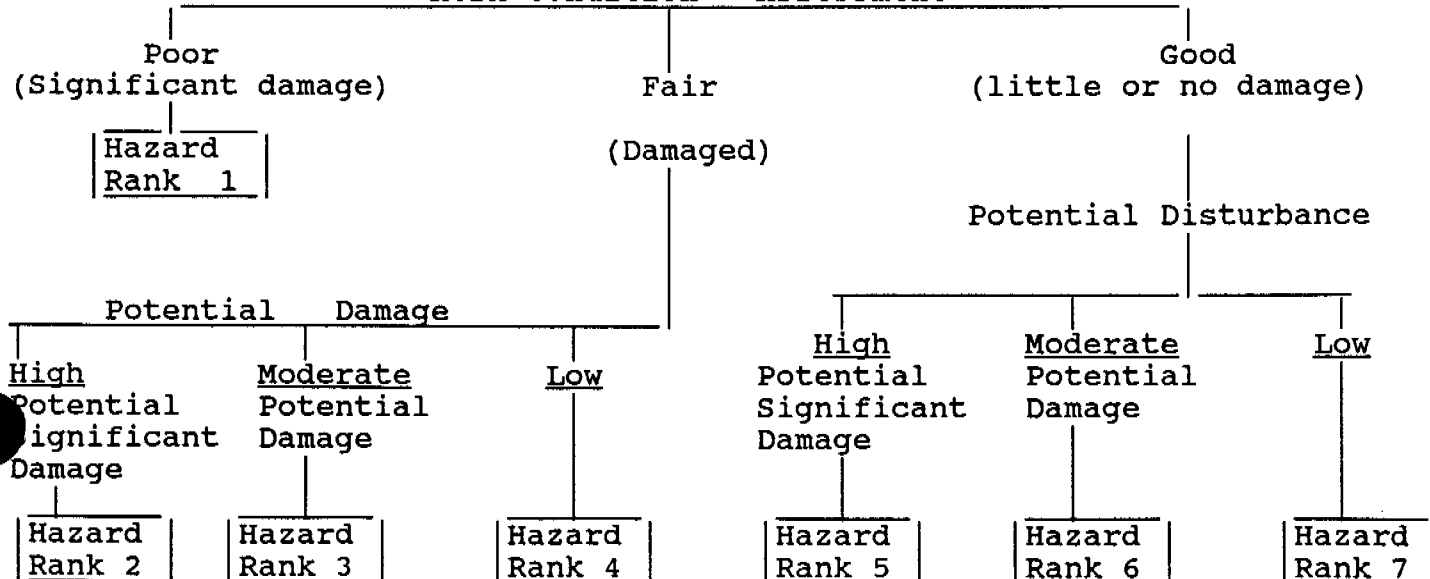
isolate/restrict repair/cleanup

enclose encapsulate

remove

O&M

## ACBM Condition - Assessment



## HAZARD MANAGEMENT SERVICES, INC.

## Inspection Form I-1

DISTRICT \_\_\_\_\_  
SCHOOL Sierra View  
Building Unit D  
Location Room 13  
(functional area)

Page \_\_\_\_ of \_\_\_\_

Date 3-29-88Inspector RBHMS-SVE-03B, C, D

Material: Surfacing TSI Misc. % Asbestos 1-5  
Description Hard ~~wall~~ Ceiling Plaster

Amount of Material (NF) F) 676 (ft<sup>2</sup>/lf) Assumed ACM: Y / N # of samples 2

CONDITION: % damaged: Extent of damage:  
0% <1% 1-10% 11-25% >25% none local distributed

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

DESCRIPTION: Excellent shape of plaster

## POTENTIAL FOR DISTURBANCE:

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

## PREVENTATIVE MEASURES:

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

## COMMENTS: \_\_\_\_\_

## REMEDIAL ACTIONS

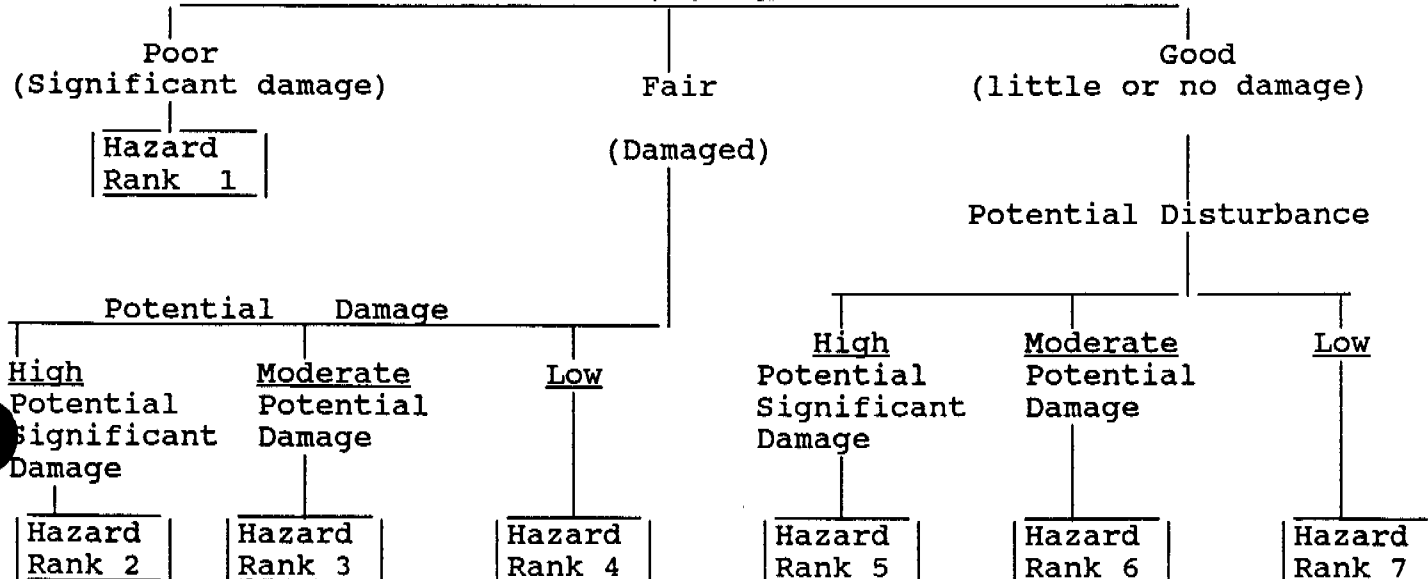
isolate/restrict repair/cleanup

enclose encapsulate

remove

O&M

## ACBM Condition - Assessment



## HAZARD MANAGEMENT SERVICES, INC.

## Inspection Form I-1

DISTRICT \_\_\_\_\_

Page \_\_\_\_ of \_\_\_\_

SCHOOL Sierra View ElemDate 3-29-88Building Unit DInspector RBLocation Room 12  
(functional area)HMS-SVE-03AMaterial: Surfacing TSI Misc. % Asbestos 1-5  
Description Hard ceiling plasterAmount of Material (NF / F) 1182 (ft<sup>2</sup> / lf) Assumed ACM: Y / N # of samples 2CONDITION: % damaged: Extent of damage:  
0% <1% 1-10% 11-25% >25% none local distributed

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

DESCRIPTION: Excellent shape

## 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: 8' high ceilings

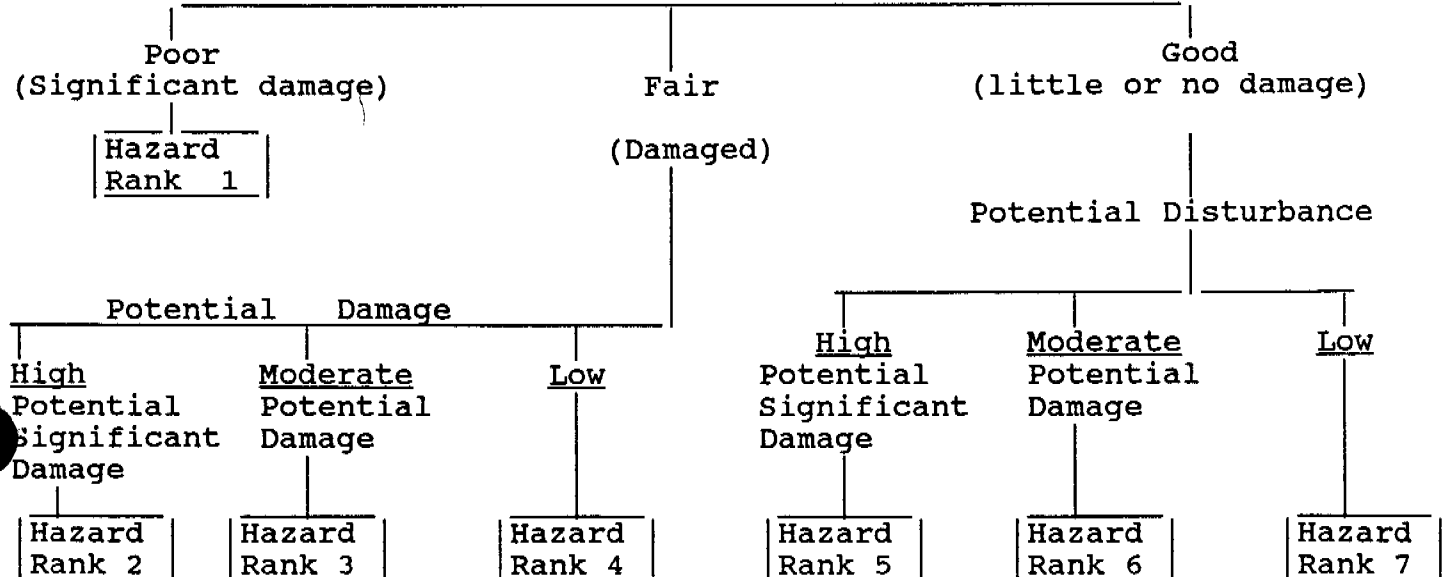
## REMEDIAL ACTIONS

isolate/restrict repair/cleanup

enclose encapsulate

remove O&M

## ACBM Condition - Assessment





## HAZARD MANAGEMENT SERVICES, INC.

## Inspection Form I-1

DISTRICT \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_

SCHOOL Sierra ViewDate 9-29-88Building Unit DInspector RBLocation Room 13  
(functional area)HMS-SAE-01Material: Surfacing TSI Misc. % Asbestos 1-5  
Description 9" Beige vinyl Floor tileAmount of Material (NF) F) 625 (ft<sup>2</sup>/lf) Assumed ACM: Y / N # of samples 1

CONDITION: % damaged: Extent of damage:

0% <1% 1-10% 11-25% >25% none local distributed

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

DESCRIPTION: Excellent shape tile

## 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: \_\_\_\_\_

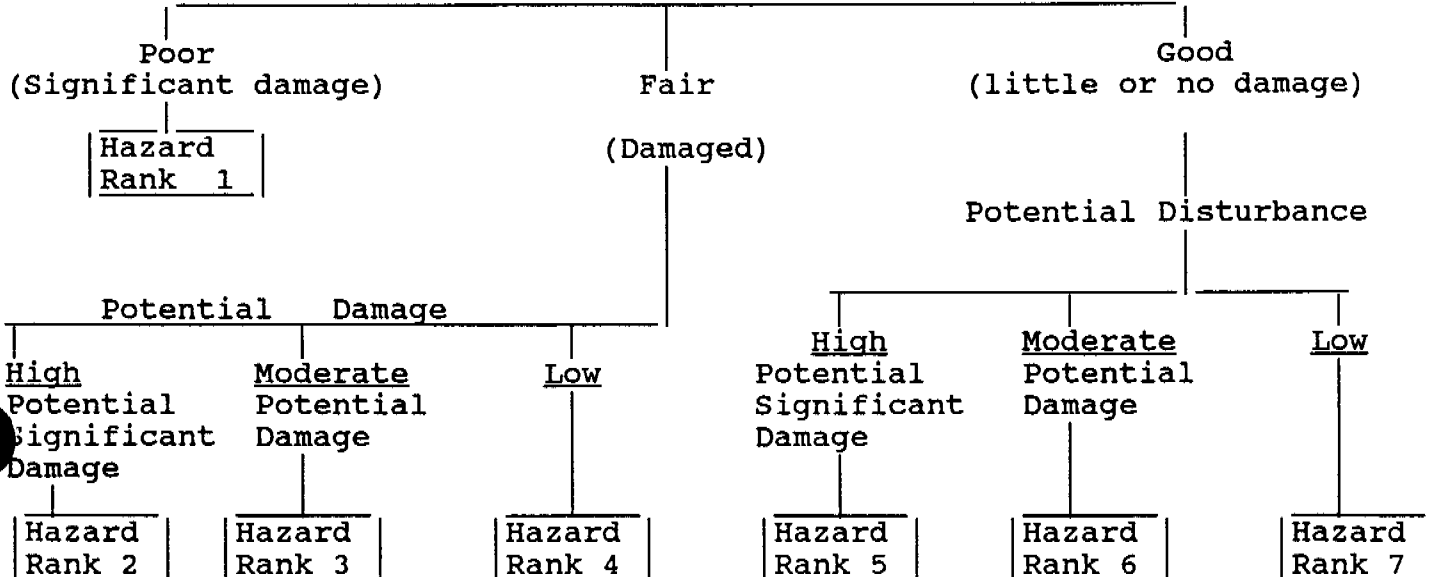
## REMEDIAL ACTIONS

isolate/restrict repair/cleanup

enclose encapsulate

remove O&M

## ACBM Condition - Assessment



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

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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.

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

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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

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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

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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.