

## ADDITIONAL MANAGEMENT PLAN DATA

### SAMPLING PROTOCOL

Where friable surfacing materials were encountered, the following sampling protocol was followed.

1. The homogeneous sampling area was divided into nine equal areas.
2. Random numbers were taken from a source (EPA's Sampling Strategy Booklet).
3. Three samples were collected at or near the center of the selected areas which totaled less than 1,000 square feet, five for 1,000 to 5,000 square feet, and seven or more for friable homogeneous areas greater than 5,000 square feet.

Where non-friable samples were collected, the following sampling protocol was followed:

1. Surfacing - three or more samples were collected, generally in non-conspicuous locations from each homogeneous material.
2. TSI - three or more samples were taken from homogeneous materials.
3. Miscellaneous - one or more samples were taken from miscellaneous materials in a manner sufficient to determine the asbestos content of each homogeneous material.

In some cases materials were assumed to contain asbestos. This was done with materials which always contain asbestos (transite or aircell insulation) or with materials which had been identified as ACBM in a previous survey.

**MANAGEMENT PLAN**

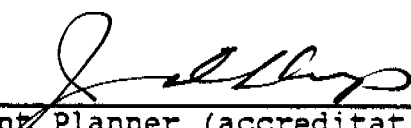
**FOR**

- ★ CHICO UNIFIED SCHOOL DISTRICT
- ★ McMANUS ELEMENTARY
- ★ 988 EAST AVE., CHICO 95926

**LEA Superintendent:** ROBERT W. PURVIS

**LEA AHERA Designee:** PAUL B. GRAVES

**PREPARED BY:**

  
Management Planner (accreditation attached)  
Hazard Management Services, Inc.  
P. O. Box 7012  
Modesto, CA 95355-7012  
(209) 577-8209

# 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 D.C.*  
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

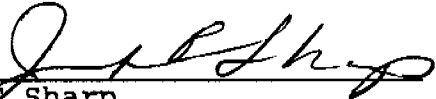


*Virvin Sutcher*  
Assistant Dean  
University Extension

*Deborah D. L.*  
Program Director  
Pacific Asbestos Information Center

MANAGEMENT PLANNER'S STATEMENT OF  
SUFFICIENCY OF RESOURCES

I, James E Sharp, accredited Management Planner, do hereby certify that I have examined the budget requirements for compliance with the AHERA regulations and find them sufficiently accurate to successfully implement the provisions of this plan.

  
\_\_\_\_\_  
James E Sharp  
Hazard Management Services, Inc.  
P. O. Box 7012  
Modesto, CA 95355-7012

1. I, Paul B. Graves, designated person to ensure the compliance of John McManus Elementary School with the requirements of AHERA, do hereby certify that the school's responsibilities as stated in Federal Register 40CFR 763.84 have been, or will be, met within the mandated timeframe.

Paul B. Graves

- II. I, Paul B. Graves, designated person to ensure the compliance of John McManus elementary School with the requirements of AHERA, do hereby certify that, with respect to persons who inspected for ACBM and who will design or carry out response actions, except for operations and maintenance, with reference to ACBM, the school has used and will use only persons who have been accredited by an EPA-approved course under sections 206 (c) of Title II of the Act.

Paul B. Graves

- III. The School has addressed the possible conflicts of interests which could exist between parties providing service to the School to assist in AHERA compliance. After thorough review, we have determined that each compliance action shall be independently acquired.

Paul B. Graves

# ASBESTOS HAZARD EMERGENCY RESPONSE ACT (AHERA)

## GENERAL DATA

(FORM A)

EPA-A (NEW 6-84)

STATE OF CALIFORNIA  
DEPARTMENT OF GENERAL SERVICES  
OFFICE OF LOCAL ASSISTANCE

MUST BE TYPED AND SUBMITTED WITH EACH SCHOOL MANAGEMENT PLAN  
\* SEE REVERSE FOR CLARIFICATION OF TERMS

LOCAL EDUCATION AGENCY <b>Chico Unified School District</b>		COUNTY <b>Butte</b>	
SCHOOL NAME <b>John A. McManus Elementary School</b>		SCHOOL PHONE NUMBER <b>(916) 891-3128</b>	
ADDRESS (Number) (Street) (City) (Zip Code) <b>988 East Avenue Chico 95926</b>			
CDS CODE * <b>04 61424 6003024</b>	SCHOOL ENROLLMENT * <b>658</b>	NUMBER OF SCHOOL EMPLOYEES * <b>60</b>	NUMBER OF BUILDINGS AT THE SCHOOL <b>7</b>

### LEA AHERA DESIGNEE

NAME <b>Paul B. Graves</b>		PHONE NUMBER <b>(916) 345-8192</b>	
ADDRESS (Number) (Street) (City) (Zip Code) <b>4306 Kathy Lane Chico 95926</b>			
TRAINING COURSE(S) AND DATE(S) <b>AHERA Designee Training by Hazard Management Services, Inc. January 19, 1989 Building Inspector/Management Planner, 8/7-11/89</b>		TOTAL TRAINING HOURS <b>46</b>	

### MANAGEMENT PLANNER

NAME <b>Paul B. Graves</b>		PHONE NUMBER <b>(916) 345-8192</b>	
ADDRESS (Number) (Street) (City) (Zip Code) <b>4306 Kathy Lane Chico 95926</b>			
CREDITATION NUMBER <b>753</b>	TRAINING AGENCY <b>The Center for Accelerated Learning, Vacaville 95688</b>		

### DOCUMENTS ATTACHED (CHECK APPROPRIATE BOXES)

<input type="checkbox"/> Record of Friable and Non-Friable ACBM (Form B)	<input type="checkbox"/> Physical and Hazard Assessment of Friable ACBM or Friable Assumed ACBM (Form C)	<input type="checkbox"/> Operations and Maintenance Program (Form D)	<input type="checkbox"/> Periodic Surveillance Plan (Form E)
<input type="checkbox"/> Reinspection Plan (Form F)	<input type="checkbox"/> Parent/Employee Notification Plan (Form G)	<input checked="" type="checkbox"/> Resources Needed (Form H)	

We certify that the general Local Education Agency (LEA) responsibilities, as stipulated by 40CFR Part 763, have been met or will be met, and that this submittal includes all buildings at this school.

MANAGEMENT PLANNER SIGNATURE <b>Paul B. Graves</b>	DATE <b>2/7/90</b>
LEA DESIGNEE SIGNATURE <b>Paul B. Graves</b>	DATE <b>2/7/90</b>
LEA SUPERINTENDENT SIGNATURE <b>Stanley</b>	DATE <b>2/8/90</b>

### OFFICE OF LOCAL ASSISTANCE USE ONLY

DATE RETURNED (Receiving Stated Below)	DATE RESUBMITTAL RECEIVED	(Date Stamp)
REASON(S) FOR RETURN		
PRINTED NAME OF REVIEWER		
DATE		
REVIEWER'S SIGNATURE <b>D</b>		

# ASBESTOS HAZARD EMERGENCY RESPONSE ACT (AHERA)

## GENERAL DATA

(FORM A)

OLAEPA-A (NEW 6-88)

MUST BE TYPED AND SUBMITTED WITH EACH SCHOOL MANAGEMENT PLAN

\* SEE REVERSE FOR CLARIFICATION OF TERMS

STATE OF CALIFORNIA  
DEPARTMENT OF GENERAL SERVICES  
OFFICE OF LOCAL ASSISTANCE

LOCAL EDUCATION AGENCY Chico Unified School District		COUNTY Butte	
SCHOOL NAME John A. McManus Elementary School		SCHOOL PHONE NUMBER (916) 891-3128	
ADDRESS (Number) 988 East Avenue	(Street) Chico	(City) Chico	(Zip Code) 95926
CDS CODE * 04 61424 6003024	SCHOOL ENROLLMENT * 619	NUMBER OF SCHOOL EMPLOYEES * 41	NUMBER OF BUILDINGS AT THE SCHOOL 6

### LEA AHRA DESIGNEE

NAME Paul B. Graves		PHONE NUMBER (916) 345-8192	
ADDRESS (Number) 4306 Kathy Lane	(Street) Chico	(City) Chico	(Zip Code) 95926
TRAINING COURSE(S) AND DATE(S)			

AHERA DESIGNEE TRAINING COURSE BY  
HAZARD MANAGEMENT SERVICES, INC. - JANUARY 19, 1989

TOTAL TRAINING HOURS  
6 HOURS




### MANAGEMENT PLANNER

NAME JAMES E SHARP, SR.		PHONE NUMBER (209) 577-8209	
ADDRESS (Number) P. O. BOX 6848	(Street) MODESTO	(City) MODESTO	(Zip Code) 95355
ACCREDITATION NUMBER PAIC 4	TRAINING AGENCY PACIFIC ASBESTOS INFORMATION CENTER, UC BERKELEY		


#### DOCUMENTS ATTACHED (CHECK APPROPRIATE BOXES)

- ☒ Record of Friable and Non-Friable ACBM (Form B)
 ☒ Physical and Hazard Assessment of Friable ACBM or Friable Assumed ACBM (Form C)
 ☒ Operations and Maintenance Program (Form D)
 ☒ Periodic Surveillance Plan (Form E)
 ☒ Reinspection Plan (Form F)
 ☒ Parent/Employee Notification Plan (Form G)
 ☒ Resources Needed (Form H)

We certify that the general Local Education Agency (LEA) responsibilities, as stipulated by 40CFR Part 763, have been met or will be met, and that this submittal includes all buildings at this school.

MANAGEMENT PLANNER SIGNATURE 	DATE 3-15-89
LEA DESIGNEE SIGNATURE 	DATE 4/20/89
LEA SUPERINTENDENT SIGNATURE 	DATE 4/20/89

#### OFFICE OF LOCAL ASSISTANCE USE ONLY

DATE RETURNED (Reasons Stated Below)	DATE RESUBMITTAL RECEIVED	(DATE STAMP)
REASON(S) FOR RETURN		
PRINTED NAME OF REVIEWER	DATE	
REVIEWER'S SIGNATURE 		





**PHYSICAL AND HAZARD ASSESSMENT OF FRIABLE  
ACBM OR FRIABLE ASSUMED ACBM (FORM C)  
(SEC. 763.93)**

STATE OF CALIFORNIA  
DEPARTMENT OF GENERAL SERVICES  
OFFICE OF LOCAL ASSISTANCE

OLA/EPA-C (NEW 8-88)

CDS CODE

04 61424 6003024

SCHOOL

McMANUS ELEMENTARY

SCHOOL PHONE NUMBER

(916) 891-3128

ADDRESS

(Number)

(Street)

(City)

(Zip Code)

988 EAST AVE.

CHICO

95926

BUILDING NAME

UNIT A

INSPECTION DATE

3/30/88

FUNCTIONAL SPACE

KITCHEN ATTIC AND UNDER SINK

INDICATE LINE NO. FROM FORM B

4 AND 5

TYPE OF FRIABLE ACBM

☐

SURFACING

☒

TSI

☐

MISCELLANEOUS

**1. CONDITION OF ACBM (Overall Rating)**

CHECK APPROPRIATE BOX

☐

GOOD

☒

DAMAGED (Fair)

☐

SIGNIFICANTLY DAMAGED (Poor)

**2. POTENTIAL FOR DISTURBANCE (Overall Rating)**

CHECK APPROPRIATE BOX

☐

LOW

☒

MODERATE (Potential for damage)

☐

HIGH (Potential for significant damage)

**3. HAZARD ASSESSMENT (Combine Ratings from Items 1 and 2 and Check Appropriate Box)**

CONDITION OF ACBM	POTENTIAL FOR DISTURBANCE		
	LOW	MODERATE	HIGH
GOOD	1	2	3
DAMAGED	4	5 X	6
SIGNIFICANTLY DAMAGED	7	7	7

**4. RECOMMENDED RESPONSE ACTION(S) AND COST(S)**

RESPONSE ACTION

ESTIMATED COSTS

<input type="checkbox"/> A. OPERATION AND MAINTENANCE	\$
<input checked="" type="checkbox"/> B. REPAIR	\$ 450.00
<input type="checkbox"/> C. ENCAPSULATION	\$
<input type="checkbox"/> D. ENCLOSURE	\$
<input checked="" type="checkbox"/> E. REMOVAL	\$ 6,800.00
<b>TOTAL</b>	<b>\$ 7,250.00</b>

**5. NARRATIVE OF RECOMMENDED RESPONSE ACTIONS (Attach Additional Sheets if Necessary)**

SCHEDULE

START

COMPLETE

Describe process to be used for each response listed in item 4.

B. REPAIR ALL TSI AND CLEAN UP DEBRIS WITH HEPA-VACUUM. REMOVE CONTAMINATED FIBERGLASS INSULATION FROM ATTICS.

1989

1989

E. REMOVE ALL TSI ACCORDING TO OLA SPECIFICATIONS

1989

1989

## Inspection Form I-1

DISTRICT \_\_\_\_\_

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

SCHOOL McMANUSDate 3/30/88Building UNIT AInspector JESLocation KITCHEN ATTIC & under sink  
(functional area)HMS MMS-08Material: Surfacing TST Misc. \_\_\_\_\_ % Asbestos 40-45  
Description PIPE WRAPAmount of Material (NF / F) 180/20 (ft<sup>2</sup>) 11 Assumed ACM: Y / N # of samples \_\_\_\_\_CONDITION: % damaged: \_\_\_\_\_ Extent of damage: \_\_\_\_\_  
0% <1% 1-10% 11-25% >25% none local distributedType damage: air; deterioration; water; physical; flakingDESCRIPTION: One homogeneous material in two areas.

## 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:

Avoid water contact

as well as physical contact.

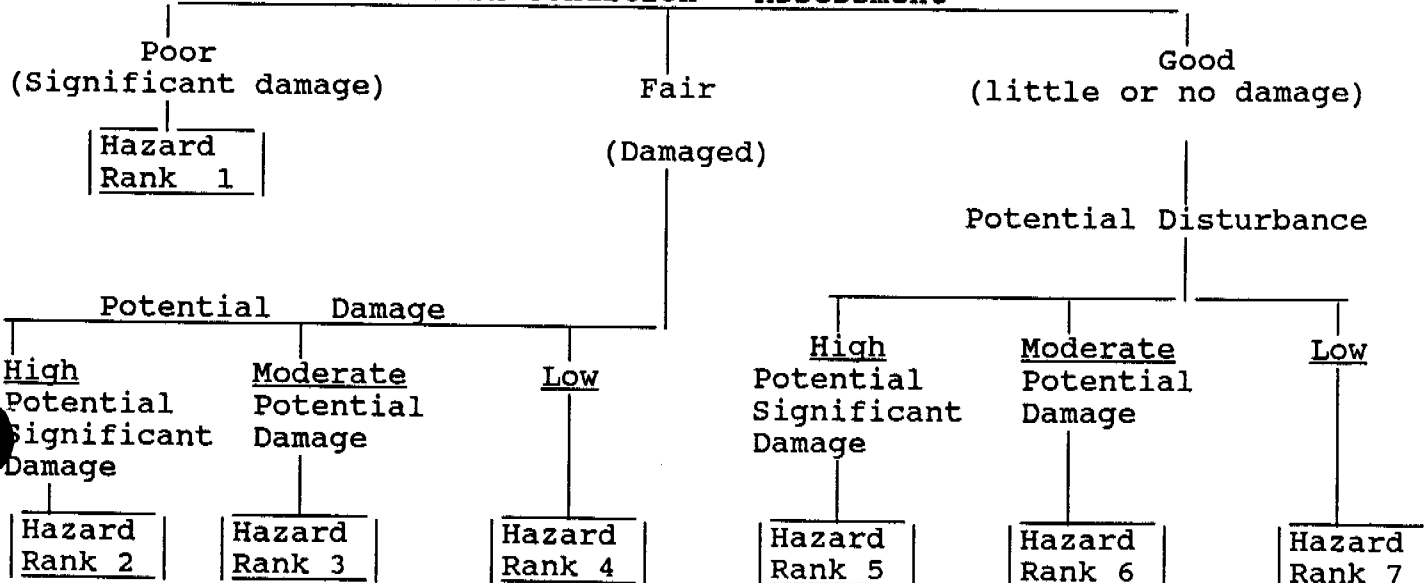
## REMEDIAL ACTIONS

isolate/restrict repair/cleanup

enclose encapsulate

remove O&M

## ACBM Condition - Assessment



**PHYSICAL AND HAZARD ASSESSMENT OF FRIABLE  
ACBM OR FRIABLE ASSUMED ACBM (FORM C)  
(SEC. 763.93)**

OLA/EPA-C (NEW 6-88)

STATE OF CALIFORNIA  
DEPARTMENT OF GENERAL SERVICES  
OFFICE OF LOCAL ASSISTANCE

				CDS CODE 04 61424 6003024
				SCHOOL PHONE NUMBER (916) 891-3128
SCHOOL McMANUS ELEMENTARY				
ADDRESS	(Number)	(Street)	(City)	(Zip Code)
	988 EAST AVE.		CHICO	95926
BUILDING NAME UNIT C				INSPECTION DATE 3/30/88
FUNCTIONAL SPACE BOILER ROOM, ATTIC				INDICATE LINE NO. FROM FORM B 12
TYPE OF FRIABLE ACBM <input type="checkbox"/> SURFACING <input checked="" type="checkbox"/> TSI <input type="checkbox"/> MISCELLANEOUS				

**1. CONDITION OF ACBM (Overall Rating)**

CHECK APPROPRIATE BOX

☐ GOOD

☒ DAMAGED (Fair)

☐ SIGNIFICANTLY DAMAGED (Poor)

**2. POTENTIAL FOR DISTURBANCE (Overall Rating)**

CHECK APPROPRIATE BOX

☐ LOW

☒ MODERATE (Potential for damage)

☐ HIGH (Potential for significant damage)

**3. HAZARD ASSESSMENT (Combine Ratings from Items 1 and 2 and Check Appropriate Box)**

CONDITION OF ACBM	POTENTIAL FOR DISTURBANCE		
	LOW	MODERATE	HIGH
GOOD	1	2	3
DAMAGED	4	5 X	6
SIGNIFICANTLY DAMAGED	7	7	7

**4. RECOMMENDED RESPONSE ACTION(S) AND COST(S)**

RESPONSE ACTION	ESTIMATED COSTS
<input type="checkbox"/> A. OPERATION AND MAINTENANCE	\$
<input checked="" type="checkbox"/> B. REPAIR	\$ 300.00
<input type="checkbox"/> C. ENCAPSULATION	\$
<input type="checkbox"/> D. ENCLOSURE	\$
<input checked="" type="checkbox"/> E. REMOVAL	\$ 2,200.00
<b>TOTAL</b>	<b>\$ 2,500.00</b>

**5. NARRATIVE OF RECOMMENDED RESPONSE ACTIONS (Attach Additional Sheets if Necessary)**

	SCHEDULE	
	START	COMPLETE
Describe process to be used for each response listed in item 4.		
B. REPAIR DAMAGED DUCT WRAP WITH WETTABLE CLOTH	1989	1989
E. REMOVE ALL DUCT WRAP ACCORDING TO OLA SPECIFICATIONS	1989	1989

(12)

## Inspection Form I-1

DISTRICT \_\_\_\_\_

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

SCHOOL JOHN McMANUSDate 3/30/88Building UNIT CInspector JESLocation S.M. BOLLER RM and attic  
(functional area)HMS AMS-01Material: Surfacing TSI Misc.% Asbestos 70-75Description VENT DUCT WRAPAmount of Material (NF / F) 70/2 (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 distributedType damage: air; deterioration; water; physical; flakingDESCRIPTION: Age + contact has caused friable  
sections to develop.

## POTENTIAL FOR DISTURBANCE:

## PREVENTATIVE MEASURES:

Accessibility: (H) M L  
 Vibration : H M (I)  
 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:

## 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

High  
Potential  
Significant  
DamageModerate  
Potential  
Damage

Low

Hazard  
Rank 2Hazard  
Rank 3Hazard  
Rank 4Hazard  
Rank 5Hazard  
Rank 6Hazard  
Rank 7

**PHYSICAL AND HAZARD ASSESSMENT OF FRIABLE  
ACBM OR FRIABLE ASSUMED ACBM (FORM C)  
(SEC. 763.93)**

OLA/EPA-C (NEW 6-88)

STATE OF CALIFORNIA  
DEPARTMENT OF GENERAL SERVICES  
OFFICE OF LOCAL ASSISTANCE

			CDS CODE 04 61424 6003024
SCHOOL McMANUS ELEMENTARY			SCHOOL PHONE NUMBER ( ) 916 891-3128
ADDRESS (Number) 988 EAST AVENUE	(Street) CHICO	(City) 95926	
BUILDING NAME UNIT A			INSPECTION DATE 3/30/88
FUNCTIONAL SPACE ATTIC ABOVE MEN'S RESTROOM			INDICATE LINE NO. FROM FORM B 18
TYPE OF FRIABLE ACBM			
<input type="checkbox"/> SURFACING <input checked="" type="checkbox"/> TSI <input type="checkbox"/> MISCELLANEOUS			

**1. CONDITION OF ACBM (Overall Rating)**

CHECK APPROPRIATE BOX

☐ GOOD      ☒ DAMAGED (Fair)      ☐ SIGNIFICANTLY DAMAGED (Poor)

**2. POTENTIAL FOR DISTURBANCE (Overall Rating)**

CHECK APPROPRIATE BOX

☐ LOW      ☒ MODERATE (Potential for damage)      ☐ HIGH (Potential for significant damage)

**3. HAZARD ASSESSMENT (Combine Ratings from Items 1 and 2 and Check Appropriate Box)**

CONDITION OF ACBM	POTENTIAL FOR DISTURBANCE		
	LOW	MODERATE	HIGH
GOOD	1	2	3
DAMAGED	4	5 X	6
SIGNIFICANTLY DAMAGED	7	7	7

**4. RECOMMENDED RESPONSE ACTION(S) AND COST(S)**

RESPONSE ACTION	ESTIMATED COSTS
<input type="checkbox"/> A. OPERATION AND MAINTENANCE	\$
<input checked="" type="checkbox"/> B. REPAIR	\$ 650.00
<input type="checkbox"/> C. ENCAPSULATION	\$
<input type="checkbox"/> D. ENCLOSURE	\$
<input checked="" type="checkbox"/> E. REMOVAL	\$ 6,400.00
<b>TOTAL</b>	<b>\$ 7,050.00</b>

**5. NARRATIVE OF RECOMMENDED RESPONSE ACTIONS (Attach Additional Sheets if Necessary)**

Describe process to be used for each response listed in item 4.

	SCHEDULE	
	START	COMPLETE
B. REPAIR ALL DAMAGED TSI IN THIS AREA WITH WETTABLE CLOTH. CLEAN UP DEBRIS WITH HEPA-VACUUM.	1989	1989
E. REMOVE ALL TSI AND DEBRIS ACCORDING TO OLA SPECIFICATIONS	1989	1989

## Inspection Form I-1

DISTRICT \_\_\_\_\_

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

SCHOOL MC MANUSDate 3/30/88Building UNIT AInspector JESLocation ATTIC ABOVE MENS RR  
(functional area)HMS-MMS-07Material: Surfacing (TST) Misc. % Asbestos 10-15  
Description PIPE WRAP & DEBRISAmount of Material (NF / F) 170 / 6 (ft<sup>2</sup> / lf) Assumed ACM: Y / N # of samplesCONDITION: % damaged: 40' DEBRIS Extent of damage: 1

0% &lt;1% 1-10% 11-25% &gt;25% none local distributed

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

## DESCRIPTION:

## POTENTIAL FOR DISTURBANCE:

## PREVENTATIVE MEASURES:

Accessibility:	H	M	<u>(L)</u>
Vibration :	H	M	<u>(L)</u>
Air Erosion :	H	M	<u>(L)</u>
Water :	H	M	<u>(L)</u>

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

## COMMENTS:

## REMEDIAL ACTIONS

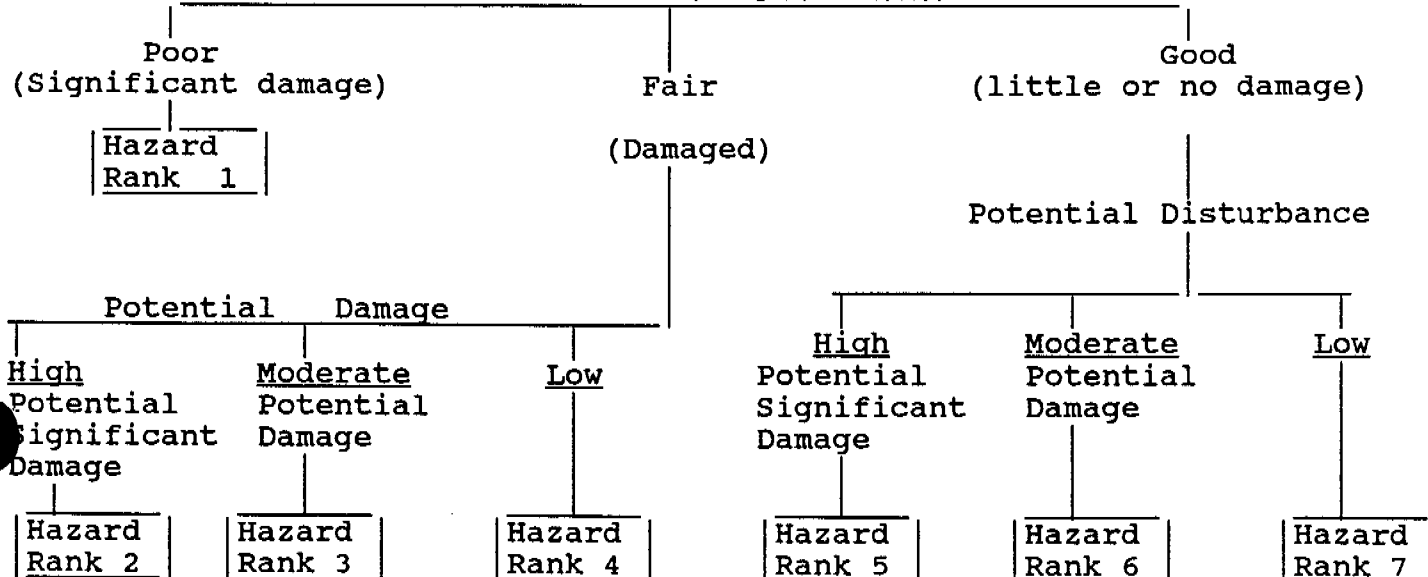
isolate/restrict repair/cleanup

enclose encapsulate

remove

O&M

## ACBM Condition - Assessment



**OPERATIONS AND MAINTENANCE PROGRAM  
(FORM D)**

OLA/PA-D (NEW 6-84)

STATE OF CALIFORNIA  
DEPARTMENT OF GENERAL SERVICES  
OFFICE OF LOCAL ASSISTANCE

SCHOOL				CDS CODE
McMANUS ELEMENTARY SCHOOL				04.61424 6003024
SCHOOL PHONE NUMBER				
(916) 891-3128				
ADDRESS	(Number)	(Street)	(City)	(Zip Code)
988 East Ave.			Chico	95926

For each area where friable ACBM is present, assumed to be present, or is about to become present, write an operations and maintenance (O & M) program.

This O & M program must be developed for the entire school. The program must describe worker protection, initial and additional cleaning programs, building occupant protection (access control, signs, control of air movement, work practices, area cleaning, disposal methods), design and performance of other than small-scale, short-duration maintenance activities, and activities associated with minor and major fiber release episodes (Sec. 763.91).

**IMPORTANT**

Use Forms E through H to describe specific elements of this program. Use additional sheets when necessary.

**FOR EACH AREA LISTED ON FORM C WHERE FRIABLE ACBM IS PRESENT, OR IS ABOUT TO BECOME PRESENT, THE DISTRICT HAS ADOPTED THE FOLLOWING POLICIES WITH RESPECT TO WORKER PROTECTION, INITIAL AND SUBSEQUENT CLEANING, BUILDING OCCUPANT PROTECTION (ACCESS CONTROL, SIGNS, CONTROL OF AIR MOVEMENT, WORK PRACTICES, AREA CLEANING, DISPOSAL METHODS), DESIGN AND PERFORMANCE OF ALL ABATEMENT ACTIVITIES AND THOSE ACTIONS ASSOCIATED WITH MINOR AND MAJOR FIBER RELEASE EPISODES.**

**WORKER PROTECTION:**

ALL MAINTENANCE AND CUSTODIAL WORKERS WILL RECEIVE A 2-HOUR ASBESTOS AWARENESS TRAINING WHICH WILL INCLUDE INFORMATION ON ASBESTOS, ITS USES, ITS PRODUCTS, WHERE IT WAS FOUND IN THE SCHOOL, HOW TO RECOGNIZE FRIABLE ASBESTOS AND DAMAGE AND WHO WILL TAKE CARE OF INCIDENTS AND QUESTIONS RELATING TO ASBESTOS, AND WHERE A COPY OF THE INSPECTION REPORT AND MANAGEMENT PLAN WILL BE KEPT.

**CLEANING ACTIVITIES:**

STEAM CLEANING OF CARPETS AND FLOORS WILL BE ALLOWED BY SCHOOL PERSONNEL WHO HAVE RECEIVED THE 2-HOUR TRAINING. ALL OTHER CLEANING EXERCISES WILL BE CONDUCTED BY EPA-ACCREDITED CONTRACTORS OR DISTRICT MAINTENANCE PERSONNEL UNDER THE DIRECTION OF THE DESIGNEE OR AN AHERA-ACCREDITED PROJECT DESIGNER.

**BUILDING OCCUPANT PROTECTION:**

ALL LOCAL, STATE AND FEDERAL REGULATIONS WILL BE FOLLOWED DURING CLEANING (OTHER THAN STEAM CLEANING) OR ABATEMENT PROJECTS. SECURITY OF THE AREA WILL BE PROVIDED, REQUIRED SIGNS WILL BE POSTED, AIR SYSTEMS WILL BE SHUT DOWN, SEALED OFF AND THE CONTAINMENT AREA WILL HAVE A NEGATIVE PRESSURE ESTABLISHED. WORK PRACTICES WILL BE AS REQUIRED BY STATE AND FEDERAL REGULATIONS AND DISPOSAL OF ASBESTOS WASTE WILL FOLLOW EPA AND CALIFORNIA DEPARTMENT OF HEALTH SERVICES REGULATIONS.

**ABATEMENT AND FIBER RELEASE EPISODES:**

ALL ABATEMENT PROJECTS AND ACTIVITIES RELATING TO FIBER RELEASE EPISODES WILL BE DESIGNED BY EPA-ACCREDITED PROJECT DESIGNERS MANAGED BY AN ASBESTOS PROJECT MANAGER AND AIR SAMPLES WILL BE TAKEN BY AN AIR SAMPLING PROFESSIONAL BEFORE REOCCUPANCY IS ALLOWED. THE ABATEMENT CONTRACTOR WILL UTILIZE EPA-ACCREDITED COMPETENT PERSONS AND WORKERS AND THE CONTRACT SHALL FOLLOW THE GUIDELINES IN OLA'S "MODEL CONTRACT SPECIFICATIONS" WHERE APPLICABLE. CLEARANCE AIR SAMPLES, TAKEN BEFORE REOCCUPANCY, WILL COMPLY WITH AHERA STANDARDS.



OPERATION AND MAINTENANCE PROGRAM  
(FORM D CONTINUED)

RECORDKEEPING

All recordkeeping will be entered into the Management Plan at the District Office and each affected site within 30 days of occurrence. Recordkeeping will include:

1. Training Sessions - All training received by maintenance, custodial or designees, etc. will be documented in the Management Plan.
2. Fiber Release Episodes - All data accumulated during minor or major fiber release episodes will be entered into the Management Plan. This will include what happened, where it happened, who was present and documentation of remedial actions.
3. Abatement Projects - All abatement projects will be documented. This will include records of project design, contractor documents and clearance sample results as well as evidence of compliance with all regulatory requirements.
4. Periodic Surveillance - All data collected during scheduled or unscheduled observations of ACM will be recorded in the plan. This includes 3-year accredited reinspection data.
5. Outside Service Contractors - All service contractors will receive notices that ACM may be present in areas where they may be providing services. Data will be recorded in the plan showing that these personnel have been advised of the presence of ACM.
6. Miscellaneous - Any other data produced which involves asbestos within our district will be included in the Management Plan.
7. Record of Remaining ACM - As part of his recordkeeping function, the LEA designated person shall maintain the list of ACM and assumed ACM in an on-going current status by indicating on the Homogeneous Materials Record the removal of any ACM or assumed ACM. Thus, the list of ACM and assumed ACM will indicate at all times which materials remain after response actions are undertaken and completed.
8. Location of Management Plan - Inspection Reports and Management Plans for each site are located in the administrative offices of each school and a complete set is kept at the District.
9. Other Records - Records of all cleaning, preventative measures, annual notifications and work authorization will also become a part of the file.
10. Record Retention - All records will be kept on file at the district and at each site where ACM is located and for three years after it has been removed.

**PERIODIC SURVEILLANCE PLAN  
(FORM E)**

OLAFPA-E (NEW 6-88)

STATE OF CALIFORNIA  
DEPARTMENT OF GENERAL SERVICES  
OFFICE OF LOCAL ASSISTANCE

SCHOOL		CDS CODE	
McMANUS ELEMENTARY		04 61424 6003024	
ADDRESS		SCHOOL PHONE NUMBER	
988 EAST AVE.		(916) 891-3128	
(Number)	(Street)	(City)	(Zip Code)
988	EAST AVE.	CHICO	95926

This plan must include a periodic surveillance of each building with friable ACM and nonfriable ACM at least every six months. The person performing periodic surveillance must receive two hours general training and 14 hours of additional training if work performed might disturb asbestos. The person will record the date, the area of inspection, the inspector's name, the description of any changes of the materials, and also visually inspect the areas (Sec. 763.92).

EACH BUILDING MATERIAL IDENTIFIED OR ASSUMED TO BE ASBESTOS IN THE ORIGINAL INSPECTION REPORTS PROVIDED BY HAZARD MANAGEMENT SERVICES, INC. (HMS, INC.) WILL BE RE-EVALUATED ON A REGULAR SIX-MONTH BASIS. THESE INSPECTIONS WILL BE CARRIED OUT BY PERSONNEL WHO HAVE RECEIVED, AT LEAST, THE MANDATORY TWO-HOUR AWARENESS TRAINING. IN ADDITION, HMS, INC. HAS INFORMED US TO BE AWARE DURING RECONSTRUCTION OR MAJOR MAINTENANCE ACTIVITIES THAT ACM MAY BE UNCOVERED. SCHOOL PERSONNEL WILL INSPECT ANY SUSPECT MATERIALS AND REQUEST ASSISTANCE FROM AN EPA-ACCREDITED PERSON, AS APPROPRIATE.

DURING THE SIX-MONTH EVALUATIONS, THE CONDITION OF EACH OF THE MATERIALS WILL BE NOTED AND ANY CHANGES WILL BE DOCUMENTED. THE PERSON CONDUCTING THIS SURVEILLANCE WILL RECORD THE DATE, HIS/HER NAME AND THE INSPECTION REPORT WILL BE MADE A PART OF THE MANAGEMENT PLAN FILE WITHIN 30 DAYS BY THE DISTRICT DESIGNEE. DURING THE COURSE OF THEIR REGULAR DUTIES, CUSTODIAL AND MAINTENANCE PERSONNEL WILL REPORT TO THE DESIGNEE ANY DETECTED CHANGES IN CONDITIONS OF ACM. THESE REPORTS WILL ALSO BECOME A PART OF THE MANAGEMENT PLAN RECORDS WITHIN 30 DAYS.

SURVEILLANCE REPORTS FROM TEACHERS AND OTHER STAFF WILL ALSO BE SOLICITED AND ENCOURAGED SO THAT EARLY REACTIONS TO DAMAGED OR DETERIORATING MATERIALS WILL BE POSSIBLE. THESE REPORTS SHOULD BE GIVEN TO THEIR SUPERVISORS OR DIRECTLY TO THE DISTRICT DESIGNEE.

THE FIRST SIX-MONTH REINSPECTION WILL TAKE PLACE SIX MONTHS AFTER IMPLEMENTATION OF THE MANAGEMENT PLAN BUT, IN NO CASE, WILL THE FIRST PERIODIC SURVEILLANCE OCCUR MORE THAN SIX MONTHS AFTER JULY 9, 1989.

PERIODIC SURVEILLANCE WILL BE PROVIDED BY DISTRICT PERSONNEL WHO HAVE RECEIVED, AT LEAST, THE TWO HOUR AWARENESS TRAINING. IF FRIABLE ASBESTOS MATERIALS MUST BE CONTACTED, THE INSPECTIONS WILL BE CONDUCTED BY PERSONNEL WHO HAVE RECEIVED THE ADDITIONAL 14 HOUR TRAINING AS REQUIRED BY AHERA.

REINSPECTION PLAN  
(FORM F)

OLA/EPA-F (NEW 6-88)

STATE OF CALIFORNIA  
DEPARTMENT OF GENERAL SERVICES  
OFFICE OF LOCAL ASSISTANCE

			CDS CODE
			04 61424 6003024
SCHOOL			SCHOOL PHONE NUMBER
McMANUS ELEMENTARY			(916) 891-3128
ADDRESS	(Number)	(Street)	(City)
	988 EAST AVE.		CHICO
			(Zip Code)
			95926

The plan must meet the reinspection requirements of Section 763.85. This plan will include a reinspection every three years by an accredited inspector.

OUR DISTRICT WILL USE ONLY EPA-ACCREDITED AHERA INSPECTORS TO PERFORM THE THREE-YEAR REINSPECTIONS. THE DATA FROM THESE REINSPECTIONS WILL BECOME A PART OF THE MANAGEMENT PLAN WITHIN 30 DAYS. THE DATE, NAME OF THE INSPECTOR, ACCREDITATION DATA AND HIS/HER SIGNATURE WILL BE A PART OF THE REPORT. OUR FIRST THREE YEAR ACCREDITED REINSPECTION WILL OCCUR IN SEPTEMBER OF 1991.

PARENT/EMPLOYEE NOTIFICATION PROGRAM  
(FORM G)

OLA/EPA-G (NEW 6-88)

STATE OF CALIFORNIA  
DEPARTMENT OF GENERAL SERVICES  
OFFICE OF LOCAL ASSISTANCE

		CDS CODE	
		04 61424 6003024	
McMANUS ELEMENTARY		SCHOOL PHONE NUMBER	
		(916) 891-3128	
ADDRESS	(Number)	(City)	(Zip Code)
	988 EAST AVE.	CHICO	95926

In the discussion section of this form, information should be included that describes steps taken to inform workers and building occupants, or their legal guardians, about inspections, response actions, and post response action activities, including periodic reinspection and surveillance activities that are planned or in progress. Notifications must be made once each school year (Sec. 763.84).

FOLLOWING IS A NOTICE THAT WILL BE PROVIDED TO INFORM WORKERS, BUILDING OCCUPANTS AND PARENTS OF THE ITEMS REQUIRED IN THE ASBESTOS HAZARD EMERGENCY RESPONSE ACT.

"TO: PARENTS, PTA, TEACHERS, STAFF  
FROM: AHERA DESIGNEE  
RE: SCHOOL ASBESTOS INSPECTIONS AND MANAGEMENT PLANS

OUR DISTRICT HAS HIRED HAZARD MANAGEMENT SERVICES, INC. (HMS, INC.), A CONSULTING COMPANY, TO COMPLETE THE EPA REQUIREMENTS TO REINSPECT ITS SCHOOL(S) FOR ASBESTOS AND PRODUCE A MANAGEMENT PLAN FOR THE CONTROL OF ITS ASBESTOS. THE MANAGEMENT PLAN INCLUDES THE INSPECTIONS, RESPONSE ACTIONS, POST RESPONSE ACTION ACTIVITIES AND PERIODIC REINSPECTION AND OPERATIONS AND MAINTENANCE ACTIVITIES. IT WILL ALSO INCLUDE THE NAMES OF THE INSPECTOR, THE MANAGEMENT PLANNER, OLA'S MANAGEMENT PLAN REQUIRED FORMS AND THE DOCUMENTATION OF ALL SIGNIFICANT EVENTS INCLUDING ANY FIBER RELEASE EPISODES. ALL DATA RELATING TO ASBESTOS ACTIVITIES WILL BE ENTERED INTO THE PLAN WITHIN 30 DAYS OF THE EVENT.

A COPY OF THE DISTRICT'S ENTIRE PLAN IS AVAILABLE IN THE DISTRICT OFFICE AT THE OFFICE OF THE DESIGNEE. INDIVIDUAL PLANS ARE AVAILABLE AT THE PRINCIPAL'S OFFICE AT EACH SITE."

THE INITIAL NOTIFICATION WILL BE MADE WHEN OUR MANAGEMENT PLAN IS COMPLETED AND SUBMITTED TO THE STATE. ANNUAL NOTIFICATIONS WILL BE MADE, THEREAFTER, IN OCTOBER OF EACH YEAR.

THE MANAGEMENT PLAN(S) WILL BE AVAILABLE FOR REVIEW DURING REGULAR BUSINESS HOURS. A NOMINAL DUPLICATING FEE MAY BE CHARGED FOR THOSE WHO WISH TO OBTAIN COPIES OF THE PLANS.

# EVALUATION OF RESOURCES NEEDED (FORM H)

OLA/EPA-H (NEW 6-88)

STATE OF CALIFORNIA  
DEPARTMENT OF GENERAL SERVICES  
OFFICE OF LOCAL ASSISTANCE

SCHOOL		COS CODE	
John A. McManus Elementary School		04 61424 6003024	
ADDRESS (Number)		SCHOOL PHONE NUMBER	
988 East Avenue		(916) 891-3128	
(Street)		(City)	
Chico		(Zip Code)	
95926			
ESTIMATED TOTAL COST OF RESPONSE ACTIONS	ESTIMATED TOTAL COST OF INSPECTIONS	ESTIMATED TOTAL COST OF MANAGEMENT PLAN	
\$	\$ 109.87	\$	

Discussion should include such information as funding required, equipment, facilities, support personnel (Sec. 763.93).

One additional relocatable classroom building as of Sept. 1989, 960 sq. ft. total

Three year reinspection = .08/sq. ft. x 960 sq. ft. = \$76.80

Administrative costs:

Administrator = 1 hr @ \$25.00

Clerk Typist II = 1 hr @ \$ 8.07

EVALUATION OF RESOURCES NEEDED  
(FORM H)

OLA/EPA-H (NEW 6-88)

STATE OF CALIFORNIA  
DEPARTMENT OF GENERAL SERVICES  
OFFICE OF LOCAL ASSISTANCE

SCHOOL				CDS CODE
McMANUS ELEMENTARY				04 61424 6003024
ADDRESS				SCHOOL PHONE NUMBER
(Number) (Street) (City) (Zip Code)				(916) 891-3128
988 EAST AVE.				CHICO 95926
ESTIMATED TOTAL COST OF RESPONSE ACTIONS		ESTIMATED TOTAL COST OF INSPECTIONS		ESTIMATED TOTAL COST OF MANAGEMENT PLAN
\$ 19,500.00		\$ 670.90		\$ 670.90

Discussion should include such information as funding required, equipment, facilities, support personnel (Sec. 763.93).

THE FIGURE FOR ESTIMATED TOTAL COST FOR RESPONSE ACTIONS INCLUDES COSTS FOR REMOVAL, ENCAPSULATION, ENCLOSURE, REPAIRS, AND OPERATIONS AND MAINTENANCE ACTIVITIES THAT PROTECT HUMAN HEALTH AND THE ENVIRONMENT FROM FRIABLE ACBM. OPERATIONS AND MAINTENANCE INCLUDES A PROGRAM OF WORK PRACTICES, INCLUDING PERIODIC SURVEILLANCE, TO MAINTAIN ACBM IN GOOD CONDITION, ENSURE CLEAN-UP OF FIBERS PREVIOUSLY RELEASED, AND TO PREVENT FURTHER RELEASE BY MINIMIZING AND CONTROLLING FIBER RELEASES.

COSTS: FOLLOWING ARE THE ITEMS FIGURED INTO THE ESTIMATE FOR RESPONSE ACTIONS - ADMINISTRATION, MAINTENANCE, PERIODIC SURVEILLANCE, CLEANING REPAIRS, ABATEMENT, REINSPECTION.\*

INSPECTIONS: COSTS ARE ONE-HALF THE TOTAL CHARGED BY HAZARD MANAGEMENT SERVICES, INCORPORATED (HMS, INC.) FOR THE INSPECTION AND MANAGEMENT PLAN.

MANAGEMENT PLANS: COSTS ARE ONE-HALF THE TOTAL CHARGED BY HMS, INC. FOR THE INSPECTION AND MANAGEMENT PLANS.

\*WHERE NO OTHER RESPONSE ACTIONS ARE REQUIRED (NO FRIABLE MATERIALS), THE "ESTIMATE FOR RESPONSE ACTIONS" INCLUDE CALCULATED COSTS FOR FIVE NON-ACCREDITED AND ONE ACCREDITED RE-INSPECTIONS.