

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

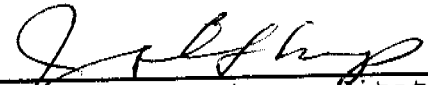
FOR

- * CHICO UNIFIED SCHOOL DISTRICT
- * ROSEDALE ELEMENTARY
- * 100 OAK STREET, 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.

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 Sitcher
Assistant Dean
University Extension

Deborah D. L.
Program Director
Pacific Asheslos Information Center

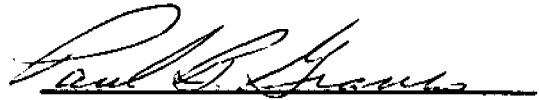
MANAGEMENT PLANNER'S STATEMENT OF

SUFFICIENCY OF RESOURCES

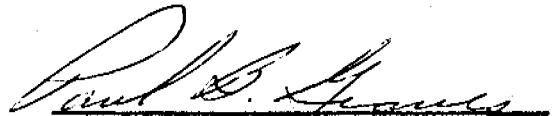
I, James E Sharp, accredited Management Planner, do hereby certify that I have examined the budget requirements for compliance with the AHERA regulations and find them sufficiently accurate to successfully implement the provisions of this plan.


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

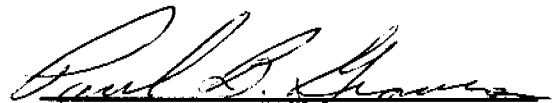
1. I, Paul B. Graves, designated person to ensure the compliance of Rosedale Elementary School with the requirements of AHERA, do hereby certify that the school's responsibilities as stated in Federal Register 40CFR 763.84 have been, or will be, met within the mandated timeframe.



- II. I, Paul B. Graves, designated person to ensure the compliance of Rosedale 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.



- 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.



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
ROSEDALE ELEMENTARY			04 61424 6003081
ADDRESS			SCHOOL PHONE NUMBER
(Number)	(Street)	(City)	(Zip Code)
100 OAK STREET		CHICO	95926
ESTIMATED TOTAL COST OF RESPONSE ACTIONS	ESTIMATED TOTAL COST OF INSPECTIONS	ESTIMATED TOTAL COST OF MANAGEMENT PLAN	
\$ 6,900.00	\$ 766.20	\$ 766.20	

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.

ASBESTOS HAZARD EMERGENCY RESPONSE ACT (AHERA)

GENERAL DATA

(FORM A)

OSHA 29 CFR 1910.1016 (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 Rosedale Elementary School		SCHOOL PHONE NUMBER (916) 891-3104	
ADDRESS (Number) 100 Oak Street	(Street) Chico	(City) Chico	(Zip Code) 95926
CDS CODE * 04 61424 6003081	SCHOOL ENROLLMENT * 737	NUMBER OF SCHOOL EMPLOYEES * 72	NUMBER OF BUILDINGS AT THE SCHOOL 11

LEA AHERA 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
CREDITATION 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 3-16-89
LEA DESIGNEE SIGNATURE 	DATE 4/30/89
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)**

OLAFPA-C (NEW 8-88)

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
OFFICE OF LOCAL ASSISTANCE

			COS CODE 04 61424 6003081	
SCHOOL ROSEDALE ELEMENTARY			SCHOOL PHONE NUMBER (916) 891-3104	
ADDRESS	(Number) 100 OAK STREET	(Street)	(City) CHICO	(Zip Code) 95926
BUILDING NAME UNIT D			INSPECTION DATE 3/31/88	
FUNCTIONAL SPACE ROOM 19 ACCESS PANEL - IN HALLWAY			INDICATE LINE NO. FROM FORM B 8	
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	6
SIGNIFICANTLY DAMAGED	7	7 X	7

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

RESPONSE ACTION	ESTIMATED COSTS
<input type="checkbox"/> A. OPERATION AND MAINTENANCE _____	\$ _____
<input type="checkbox"/> B. REPAIR _____	\$ _____
<input type="checkbox"/> C. ENCAPSULATION _____	\$ _____
<input type="checkbox"/> D. ENCLOSURE _____	\$ _____
<input checked="" type="checkbox"/> E. REMOVAL _____	\$ 350.00
TOTAL	\$ 350.00

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

E. REMOVE TSI AND DEBRIS FROM BEHIND PANEL ACCORDING TO OLA SPECIFICATIONS 1989 1989
REMOVED '89

(3)

Inspection Form I-1

DISTRICT Chico Unified
 SCHOOL Rose dale
 Building Unit A
 Location Room 3 Boiler Room
 (functional area)

Page of Date 3-31-88Inspector RB

HMS-RSD-11 A, B, C

Material: Surfacing TSI Misc. % Asbestos 70-75
 Description Pipewrap corners on fiberglass straight sections
 Amount of Material (NF / F) 48/5 (ft²/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: Muddled corners on fiberglass straight. Some damage to pipewrap especially where pipes enter pipe chase where considerable pipewrap is off the pipes.

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: Water damage at entrance to pipechase.

Pipe valve leak with dripping water at one joint

Rewrap some joints or remove

REMEDIAL ACTIONS

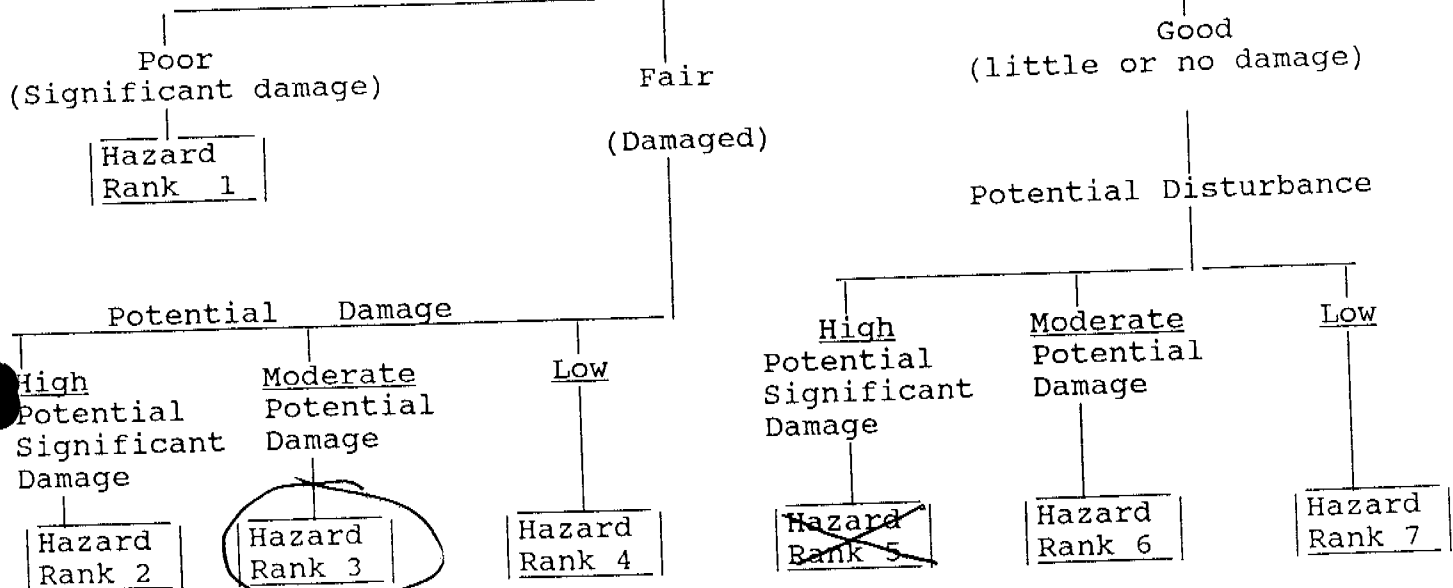
isolate/restrict repair/cleanup

enclose

encapsulate

removeO&M

ACBM Condition - Assessment



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

(SEC. 763.93)

OLA/EPA-C (NEW 8-88)

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
OFFICE OF LOCAL ASSISTANCE

			CDS CODE 04 61424 6003081
SCHOOL ROSEDALE ELEMENTARY		SCHOOL PHONE NUMBER (916) 891-3104	
ADDRESS (Number) 100 OAK STREET	(Street) CHICO	(City) CHICO	(Zip Code) 95926
BUILDING NAME UNIT D		INSPECTION DATE 3/31/88	
FUNCTIONAL SPACE ROOM 19 ACCESS PANEL - IN HALLWAY		INDICATE LINE NO. FROM FORM B 8	
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	6
SIGNIFICANTLY DAMAGED	7	7 X	7

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

RESPONSE ACTION	ESTIMATED COSTS
<input type="checkbox"/> A. OPERATION AND MAINTENANCE	\$
<input type="checkbox"/> B. REPAIR	\$
<input type="checkbox"/> C. ENCAPSULATION	\$
<input type="checkbox"/> D. ENCLOSURE	\$
<input checked="" type="checkbox"/> E. REMOVAL	\$ 350.00
TOTAL	\$ 350.00

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

E. REMOVE TSI AND DEBRIS FROM BEHIND PANEL ACCORDING TO OLA SPECIFICATIONS 1989 1989

HAZARD MANAGEMENT SERVICES, INC.

Inspection Form I-1

DISTRICT Chico UnifiedPage of SCHOOL RosedaleDate 3-31Building Unit DInspector RBLocation Room 19 Hallway
(functional area)HMS-RSD-05

Material: Surfacing TSI Misc. behind % Asbestos 65-70
 Description old pipewrap debris at access hole to radiator
 Amount of Material (NF / F) 3 (ft² 1f) 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: Access panel in hallway to reach control valves
to radiator has debris
in M.P. Room

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

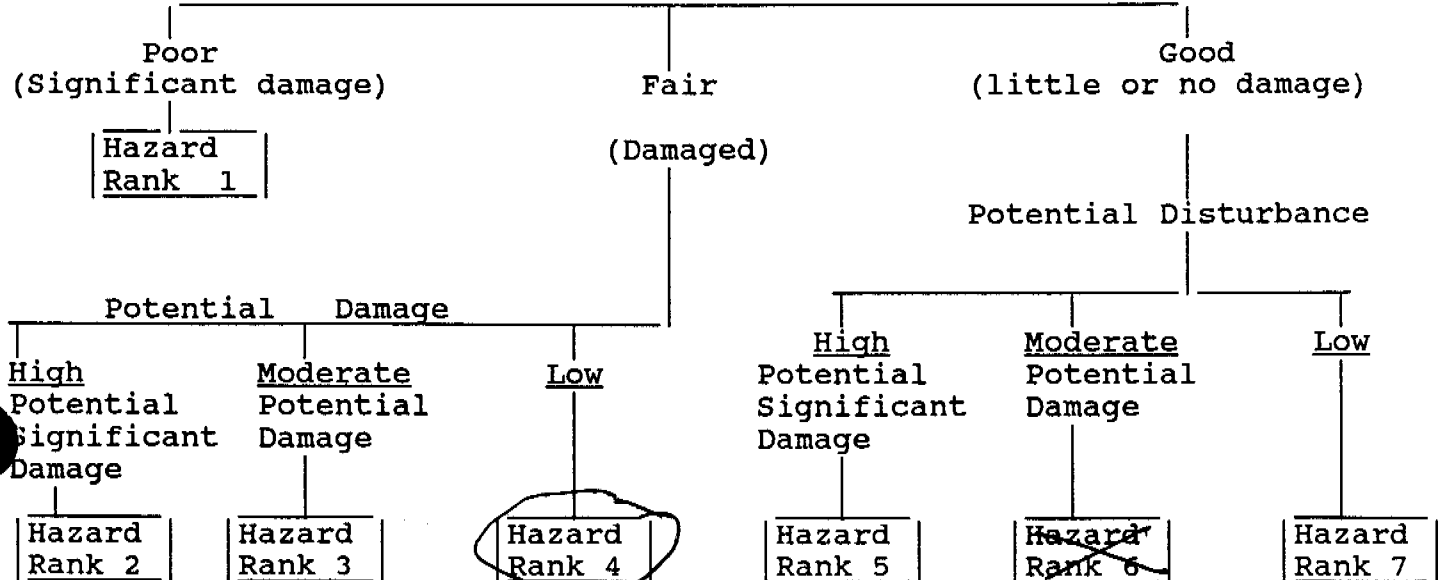
COMMENTS:

Area of debris
is behind panel

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 8-88)

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
OFFICE OF LOCAL ASSISTANCE

			CDS CODE 04 61424 6003081	
SCHOOL ROSEDALE ELEMENTARY			SCHOOL PHONE NUMBER (916) 891-3104	
ADDRESS (Number)	(Street)	(City)	(Zip Code)	
100 OAK STREET		CHICO	95926	
BUILDING NAME UNIT A			INSPECTION DATE 3/31/88	
FUNCTIONAL SPACE ROOM 3 BOILER ROOM			INDICATE LINE NO. FROM FORM B 3	
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	6 <input checked="" type="checkbox"/>
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	\$ 750.00
<input type="checkbox"/> C. ENCAPSULATION	\$
<input type="checkbox"/> D. ENCLOSURE	\$
<input checked="" type="checkbox"/> E. REMOVAL	\$ 3,600.00
TOTAL	\$ 4,350.00

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 MUDDIED JOINTS WITH WETTABLE CLOTH. HEPA-VACUUM OR WET-WIPE ALL DEBRIS.

* 1989 1989

E. REMOVE ALL MUDDIED TSI ACCORDING TO OLA SPECIFICATIONS

1989 1989

REMOVED '89

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

OLA/EPA-D (NEW 6-88)

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
OFFICE OF LOCAL ASSISTANCE

				CDS CODE, 04 61424 6003081	
SCHOOL ROSEDALE ELEMENTARY SCHOOL				SCHOOL PHONE NUMBER (916) 891-3104	
ADDRESS	(Number)	(Street)	(City)	(Zip Code)	
	100 Oak St.		Chico	95928	

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 ACBM will be recorded in the plan. This includes 3-year accredited reinspection data.
5. Outside Service Contractors - All service contractors will receive notices that ACBM 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 ACBM.
6. Miscellaneous - Any other data produced which involves asbestos within our district will be included in the Management Plan.
7. Record of Remaining ACBM - As part of his recordkeeping function, the LEA designated person shall maintain the list of ACBM and assumed ACBM in an on-going current status by indicating on the Homogeneous Materials Record the removal of any ACBM or assumed ACBM. Thus, the list of ACBM and assumed ACBM 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 ACBM is located and for three years after it has been removed.

**PERIODIC SURVEILLANCE PLAN
(FORM E)**

OLA/EPA-E (NEW 6-88)

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
OFFICE OF LOCAL ASSISTANCE

SCHOOL				CDS CODE
ROSEDALE ELEMENTARY				04 61424 6003081
ADDRESS				SCHOOL PHONE NUMBER
(Number)	(Street)	(City)	(Zip Code)	(910) 891-3104
100 OAK STREET		CHICO	95926	

This plan must include a periodic surveillance of each building with friable ACBM and nonfriable ACBM 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 ACBM 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 ACBM. 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 6003081	
SCHOOL		SCHOOL PHONE NUMBER	
ROSEDALE ELEMENTARY		(916) 891-3104	
ADDRESS	(Number)	(Street)	(City)
	100 OAK STREET		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

		COS CODE 04 61424 6003081	
ROSEDALE ELEMENTARY		SCHOOL PHONE NUMBER (916) 891-3104	
ADDRESS (Number)	(Street)	(City)	(Zip Code)
100 OAK STREET		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)

OLAFPA-H (NEW 6-88)

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
OFFICE OF LOCAL ASSISTANCE

SCHOOL		CDS CODE
ROSEDALE ELEMENTARY		04 61424 6003081
ADDRESS		SCHOOL PHONE NUMBER
(Number)	(Street)	(City)
100 OAK STREET		CHICO
		(Zip Code)
		95926
ESTIMATED TOTAL COST OF RESPONSE ACTIONS	ESTIMATED TOTAL COST OF INSPECTIONS	ESTIMATED TOTAL COST OF MANAGEMENT PLAN
\$ 6,900.00	\$ 766.20	\$ 766.20

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.

July 26, 1984

Mr. Robin Thompson
Chico Unified School District
1163 E. 7th Street
Chico, California

Re: Friable Asbestos Material in Chico Schools

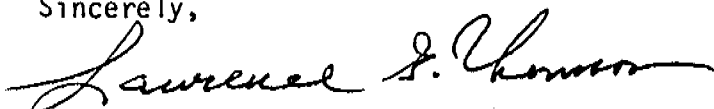
Dear Mr. Thompson:

This office has inspected the Rosedale Elementary School and the Forest Ranch Elementary Schools for friable asbestos-containing materials in the school buildings that could cause an exposure problem.

The Forest Ranch School has a small one room building heated by a gas burning heater located in the room and one room prefabricated classroom heated by an electric heater in the classroom. There are no asbestos containing materials in the building.

Friable asbestos material in the Boiler Room of the Rosedale Elementary School was removed and replaced with fiberglass insulation. There are no asbestos containing materials in the building.

Sincerely,



Lawrence G. Thomson,
Architects & Planners

LGT/jn

CHICO UNIFIED
SCHOOL DISTRICT

JUL 27 12 54 PM '84

RECEIVED



Lawrence G. Thomson
Architects & Planners

331 West Third Street
Chico, California 95926
(916) 894-6675

February 10, 1983

Mr. Robin Thompson
Chico Unified School District
1163 E. 7th Street
Chico, California

Re: Friable Asbestos Material at
Chico Schools

Dear Mr. Thompson:

This office has inspected all of the schools in the Chico Unified School District for friable asbestos-containing materials in the school buildings that could create an exposure problem.

Friable asbestos material was found in the boiler rooms and other areas where the pipe covering had been damaged. All damaged pipe covering and boiler lagging in the boiler rooms and other accessible areas was retaped and covered to prevent asbestos fiber release.

Sincerely,

Lawrence G. Thomson,
Architects & Planners

LGT/jn

October 12, 1982

Mr. Robin Thompson
Chico Unified School District
1163 E. 7th Street
Chico, California

Re: Asbestos Control Program

Dear Mr. Thompson:

All of the schools in the Chico Unified School District have been inspected for the use of friable asbestos-containing materials.

None of the schools have the friable asbestos-containing materials used for fireproofing and acoustical insulation.

It was found however, that friable asbestos material, covered with canvas, was used as insulation on pipes in the Heater Rooms of the ten schools listed below. Pipe covering and boiler lagging do not create a hazard unless the friable insulation material is exposed and damaged.

The following is a list of the schools inspected:

1. Citrus Elementary: This is one of the older schools with the Heater Room located in the Basement. The pipe covering is in bad condition, exposing the asbestos insulation.
2. Hooker Oak Elementary: This is one of the older schools with the Heater Room on the first floor. The pipe covering is in bad condition, exposing the asbestos insulation. The condition here is even worse than at Citrus.
3. Chapman Elementary: Repair pipe insulation.
4. Chico Junior High: Repair pipe insulation.
5. Chico Senior High: Repair pipe insulation.
6. Pleasant Valley High: Repair pipe insulation.
7. Bidwell Junior High: Repair pipe insulation.
8. Neal Dow Elementary: Repair pipe insulation.
9. Nord Elementary: Repair pipe insulation.

Mr. Robin Thompson
Chico Unified School District
October 12, 1982
Page Two

10. McManus Elementary: Repair pipe insulation.

The following schools were inspected and found to be satisfactory.

1. Parkview Elementary: Insulation mainly fiberglass - satisfactory.
2. Sierra View: Insulation mainly fiberglass - satisfactory.
3. Jay Partridge: Insulation mainly fiberglass - satisfactory.
4. Marigold: Insulation is in good condition.
5. Special School: Insulation is in good condition.
6. Shasta: Hot air heating - no pipe covering.
7. Cohasset: No insulation used.
8. Fairview: Insulation is in good condition.

The following is a list of perspective bidders:

Artic Aire of Chico
2838 Hwy. 32
Chico, California
895-3330

Allen & Allen of Red Bluff
P. O. Box 146
Red Bluff, California 96080
527-2104

McClelland Air Conditioning
690 Thunderbolt
Chico, California
891-6202

Frank M. Booth
222 3rd Street
Marysville, California
742-7134

If you have any questions, please contact our office.

Sincerely,

Lawrence G. Thomson,
Architects & Planners

LGT/jmk

Enc.