

MANAGEMENT PLAN

FOR

- * CHICO UNIFIED SCHOOL DISTRICT
CHAPMAN ELEMENTARY SCHOOL
- * 1071 EAST 16TH
- * CHICO, CA 95928

LEA Superintendent: ROBERT W. PURVIS

LEA AHERA Designee: PAUL GRAVES

PREPARED BY: 

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

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

OLA/EPA-D (NEW 6-84)

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
OFFICE OF LOCAL ASSISTANCE

				CDS CODE
				04 61424 6002968
SCHOOL			SCHOOL PHONE NUMBER	
CHAPMAN ELEMENTARY SCHOOL			(916) 891-3100	
ADDRESS	(Number)	(Street)	(City)	(Zip Code)
	1071 E.	16th St.	Chico	95928

For each area where friable ACM 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 ACM 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)**

CLA/EPA-8 (NEW 8-88)

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
OFFICE OF LOCAL ASSISTANCE

		CDS CODE		
		04 61424 6002968		
SCHOOL		SCHOOL PHONE NUMBER		
CHAPMAN ELEMENTARY SCHOOL		(916) 891-3100		
ADDRESS	(Number)	(Street)	(City)	(Zip Code)
	1071	EAST 16TH STREET	CHICO, CA	95928

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 6002968	
SCHOOL				SCHOOL PHONE NUMBER	
CHAPMAN ELEMENTARY SCHOOL				(916) 891-3100	
ADDRESS	(Number)	(Street)	(City)	(Zip Code)	
	1071	EAST 16TH STREET	CHICO, CA	95928	

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

SCHOOL		CDS CODE	
CHAPMAN ELEMENTARY SCHOOL		04 61424 6002968	
ADDRESS		SCHOOL PHONE NUMBER	
(Number)	(Street)	(City)	(Zip Code)
1071 EAST 16TH STREET		CHICO, CA	95928

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		CDS CODE	
Chapman Elementary School		04 61424 6002968	
ADDRESS (Number)		SCHOOL PHONE NUMBER	
1071 East 16th Street		(916) 891-3100	
(Street)		(City)	
Chico		(Zip Code)	
95928			
ESTIMATED TOTAL COST OF RESPONSE ACTIONS	ESTIMATED TOTAL COST OF INSPECTIONS	ESTIMATED TOTAL COST OF MANAGEMENT PLAN	
\$	\$ 186.67	\$	

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

Two additional relocatable classroom buildings as of Sept. 1989, 1920 sq. ft. total

Three year reinspection = .08/sq. ft. x 1920 sq. ft. = \$153.60

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

				COS CODE	
				04 61424 6002968	
SCHOOL				SCHOOL PHONE NUMBER	
CHAPMAN ELEMENTARY SCHOOL				(916) 891-3100	
ADDRESS	(Number)	(Street)	(City)	(Zip Code)	
	1071	EAST 16TH STREET	CHICO, CA	95928	
ESTIMATED TOTAL COST OF RESPONSE ACTIONS		ESTIMATED TOTAL COST OF INSPECTIONS		ESTIMATED TOTAL COST OF MANAGEMENT PLAN	
\$ 6,200.00		\$ 773.10		\$ 773.10	

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.

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

Debra 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



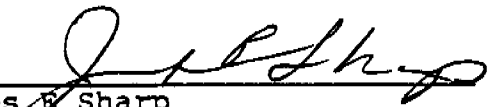
Walter Stecher
Assistant Dean
University Extension

Deborah Dill
Program Director
Pacific Asbestos Information Center

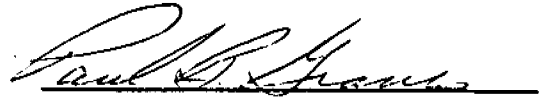
MANAGEMENT PLANNER'S STATEMENT OF

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.

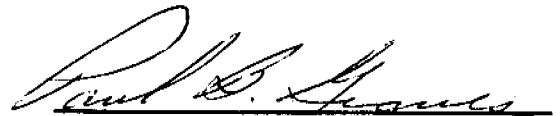

James E Sharp
Hazard Management Services, Inc.
P. O. Box 7012
Modesto, CA 95355-7012

1. I, Paul B. Graves, designated person to ensure the compliance of Chapman 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.



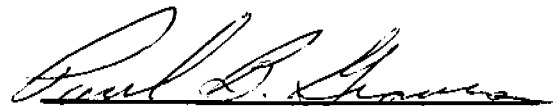
Paul B. Graves

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