

Chico Unified School District

Where
STUDENTS
are the
FIRST
Priority

DATE: 8/5/98
SITE: JOHN MCMANUS - RESTROOMS "D"
TIME: 6:05 A.M.
PEOPLE: PAUL S. and Tim B. (Sup.) ROB PETERS

CONTAINMENT

MINI CONTAINMENT

- (1) 1½" Frame work wrapped in plastic
- (2) 6' X 2' X 4'
- (3) Glove bag cut and taped in place
- (4) Neg. Air in place
- (5) Safety meeting - Paul/Tim/Rob
- (6) Start time 6:45 A.M. Girls side
Girls side break - 7:10 A.M. to cool off
Start time 7:30 A.M. stop 7:38

NOTES:

- (1) Told Bob he had to stay out of area
- (2) Closed and locked doors on other side
- (3) During break we talked about changes for other side
- (4) Because work to slow and hard we are going to change containment
- (5) Inspected new containment
- (6) 6 mil ploy on walls (3)
- (7) 3 flap door. /6" window

ASBESTOS PROJECT.

DATE: 8/5/98.

SITE MC MANUS RESTROOMS 12.

TIME 6:05 AM.

PEOPLE PAULS + TIM B. (SUP.) BOB PETERS.

CONTAINMENT

MINI CONTAINMENT.

(1.) 1 1/2" FRAME WORK WRAPPED IN PLASTIC.

(2.) 6' x 2' x 4' 

(3.) GLOVE BAG CUT + TAPED IN PLACE.

(4.) NEG AIR IN PLACE.

(5.) SAFETY MEETING PAUL/TIM/BOB.

(6.) START TIME 6:45 AM. GIRLS SIDE.

GIRLS SIDE BREAK. 7:10 AM. TO COOL OFF

START TIME 7:30 AM. STOP 7:38.

NOTES.

(1.) TOLD BOB HE HAD TO STAY OUT OF AREA.

(2.) CLOSED, AND LOCKED DOORS ON OTHER SIDE.

(3.) DURING BREAK WE TALKED ABOUT CHANGES FOR OTHER SIDE.

(4.) BECAUSE WORK TO SHOW + HARD WE ARE GOING TO CHANGE CONTAINMENT.

(5.) INSPECTED NEW CONTAINMENT.

(1.) 6 MIL PLOY ON WALLS (3.)

(2.) 3 FLAP DOOR. / 6" WINDOW.

Chico Unified School District

Where
STUDENTS
are the
FIRST
Priority

DATE: 8/6/98
SITE: JOHN MCMANUS
PEOPLE: PAUL/TIM/ROB P.

DROP 89°

6:30 Inspected containment (looks good) Seal on doors
were in tact.

Containment is a 3 flap door.

7:03 (1) Loss Power 7:15 Loss Power

7:21 (2) Two more blades

7:40 (3) Started bag out

7:42 (4) Paul came outside containment

7:45 (5) Project completed

Air clearance samples taken by HMS on 8/6/98

8:50 (6) Ron Jones showed up. I asked him to get temporary numbers
for Chico Jr. High and Shasta.

Also check Lee's medical records.

8:57 (7) Temp inside containment 87° above 80 - 90% H.

(8) Tim B. went to pick up Paul.

(A) Hudson Sprayer

(A) Water jug/ice

(B) More Rags

(B) Hudson sprayer/water

(C) Duct tape

(D) Another HEPA vac

10:01 (9) Both back on site

(10) New equipment

(A) saws all

(B) Second HEPA vac

(11) With both units running containment sucked in about 8" in.

10:45 Completed

Close up

(A) Locked all doors

(B) Duct tape over locks

(C) Posted signs

DATE : 8/6

TEMP 89°

SITE : M^CMANUS.

PEOPLE : PAUL / TIM / ROB P.

6:30 INSPECTED CONTAINMENT. (HOOKS.

GOOD.) SEAL ON DOORS WERE IN
FACT.

CONTAINMENT IS A 3 FLAP DOOR.

7:03 LOSS POWER. 7:15 LOSS POWER

7:21 TWO MORE BLADES.

7:40 STARTED BAG OUT.

7:42 PAUL CAME OUTSIDE CONTAINMENT.

7:45 PROJECT COMPLETED.

AIR CLEARANCE SAMPLES TAKEN BY

HMS. ON 8/6/98

8:50 (6.) RON JONES. SHOWED UP. I ASKED HIM TO
GET TEMPERARY NUMBERS FOR CSH + SHASTA.
ALSO CHECK. LEE MEDICAL RECORDS.

8:57 (7) TEMP INSIDE CONTAINMENT 87° ABOUT 80-90% H.

(8.) TIM B. WENT TO PICK UP. PAUL.

(A.) HUDSON SPRAYER. (A.) WATER JUG./ICE

(B.) MORE RAGS. (B.) HUDSON SPRAYER/WATER

(C.) DUCT TAPE. (C.)

(D.) ANOTHER HEPA UAC.

10:01 (9) BOTH BACK ON SITE.

(10.) NEW EQUIPMENT.

(A.) SAWS ALL

(B.) SECOND HEPA UAC.

(11.) WITH BOTH UNITS RUNNING CONTAINMENT
SUCKED IN ABOUT 8" IN.

10:45 COMPLETED.

CLOSE UP.

(A.) LOCKED ALL DOORS.

(B.) DUCT TAPE OVER LOCKS.

(C.) POSTED SIGNS.

HMS, Inc.
HAZARD MANAGEMENT SERVICES, INC.

August 27, 1998

Mr. Rob Peters
Project Manager
Chico Unified School District
1163 E. Seventh Street
Chico, CA 95928

Re: McManus Elementary
 Unit D (Rooms 11-17 Wing) Girl's and Boy's Restrooms
 Clearance Air Testing for Asbestos at Two Mini-Containment Locations

Dear Mr. Peters:

This letter reports results of the clearance air monitoring conducted on August 6, 1998, by Hazard Management Services, Inc. (HMS, Inc.) at the location referenced above. These samples were taken at your request after cut-outs were made in wall plaster to access some drain lines in the Girl's and Boy's Restrooms at McManus Elementary. HMS, Inc.'s role was limited in scope, and included only the collection of two sets of five clearance air samples, after a final visual clearance was conducted. The District's in-house abatement crew conducted the asbestos work on this project.

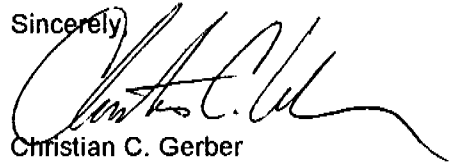
Ten clearance air samples were taken on August 6, 1998, and analyzed by phase contract microscopy (PCM). These samples were analyzed by HMS, Inc. on the site. All samples meet the US EPA AHERA clearance criteria for asbestos. The results of the sampling are also attached to this report for your records.

Both work area locations are indicated on the attached diagram. Approximately 20 square feet of plaster wall were removed at each location.

Please be sure to mention this abatement project in your annual notification to parents/staff under your EPA AHERA responsibilities. Also, file copies of this report in the site and District Office EPA AHERA Management Plan books.

It has been our pleasure working with you on this project. Please call me at (916) 723-4350 if you have any questions regarding this report.

Sincerely,



Christian C. Gerber
Asbestos Consultant
DOSH #94-1572

Enclosures

C:\CLIENTS\CHICO\IC1221\FINAL.LTR

POSTED
20/9/98

HAZARD MANAGEMENT SERVICES, INC.
P.O. BOX 7548
CITRUS HEIGHTS, CA 95621
(916) 723-4350

**AIRBORNE FIBER ANALYSIS REPORT
PHASE CONTRAST MICROSCOPY**

Client : Chico Unified School District
Site : McManus Elementary

Page 1 of 1

HMS Job Number : C1221

Lab Report Number : 08/9810

Client's
Job ID : C1221 - Wall Plaster Cut-Out Mini-Containment

Date Analyzed : 08/06/98

Effective Filter Area: 385 mm²

Graticule Field Area: 0.00785 mm²

Sample #	Lab #	Location/Activity/Date Collected	Rota	PM AVG.	On/Off Total	Vol. (L)	Fibers/ Fields	Results
HMS- C1221- CA01	08/9810-01	BOYS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:35	2,310	14/100	f/cc .003
				13.9	15:20			LOD .001
				14.0	165			UCL .010
HMS- C1221- CA02	08/9810-02	BOYS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:35	2,310	11/100	f/cc .002
				13.9	15:20			LOD .001
				14.0	165			UCL .008
HMS- C1221- CA03	08/9810-03	BOYS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:35	2,310	17/100	f/cc .004
				13.9	15:20			LOD .001
				14.0	165			UCL .012
HMS- C1221- CA04	08/9810-04	BOYS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:35	2,310	16/100	f/cc .003
				13.9	15:20			LOD .001
				14.0	165			UCL .011
HMS- C1221- CA05	08/9810-05	BOYS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:35	2,310	9/100	f/cc .002
				13.9	15:20			LOD .001
				14.0	165			UCL .006

* TEM analysis - After sample has been analyzed by PCM, turn over to Asbestech for TEM Yamate Level II.

C:\CLIENT\CHICO\IC1221\089810.LAB

Analyst 

Date

8-6-98

ANALYSIS PERFORMED ACCORDING TO NIOSH 7400 "A RULES"

f/cc = Fiber per Cubic Centimeter of Air
LOD = Limit of Detection
UCL = 95% Upper Confidence Level

AIRBORNE FIBER Analysis Request Form for Hazard Management Services, Inc.

P.O. BOX 576848
MODESTO, CA 95357-6848
(209) 551-2000
FAX (209) 551-2005

P.O. BOX 7548
CITRUS HEIGHTS, CA 95621-7548
(916) 723-4350
FAX (916) 723-6917

P.O. BOX 25474
FRESNO, CA 93729
(209) 434-8163
FAX (209) 434-8163

DATE: August 6, 1998

XX

SPECIAL INSTRUCTIONS:

☒ PCM NIOSH 7400 A 2 HR XX; 12 HR ____;
24 HR ____; 48 HR ____;

☐ TEM AHERA;

☐ TEM YAMATE I OR II 2 HR ____; 12 HR ____;
24 HR ____; 48 HR ____;

Bill lab charges to: HMS, Inc. XX

LAB: ☒ F.A.S.I ☒ ASBESTECH XX H.M.S., INC.

COLLECTED: August 6, 1998; BY: C. GERBER

JOB I.D.: C1221 - CHICO UNIFIED SCHOOL DISTRICT

JOB SITE: MCMANUS ELEMENTARY
WALL PLASTER CUT-OUT MINI-CONTAINMENT

Sample #	Lab #	Location/Activity/Date Collected	Rota	LPM AVG.	On/Off Total	Vol. (L)	Fibers/ Fields	Results
HMS- C1221- CA01	08/9810-01	BOYS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:35	2,310	14/100	f/cc .003
				13.9	15:20			LOD .001
				14.0	165			UCL .010
HMS- C1221- CA02	08/9810-02	BOYS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:35	2,310	11/100	f/cc .002
				13.9	15:20			LOD .001
				14.0	165			UCL .008
HMS- C1221- CA03	08/9810-03	BOYS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:35	2,310	17/100	f/cc .004
				13.9	15:20			LOD .001
				14.0	165			UCL .012
HMS- C1221- CA04	08/9810-04	BOYS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:35	2,310	16/100	f/cc .003
				13.9	15:20			LOD .001
				14.0	165			UCL .011
HMS- C1221- CA05	08/9810-05	BOYS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:35	2,310	9/100	f/cc .002
				13.9	15:20			LOD .001
				14.0	165			UCL .006

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HAZARD MANAGEMENT SERVICES, INC.
P.O. BOX 7548
CITRUS HEIGHTS, CA 95621
(916) 723-4350

**AIRBORNE FIBER ANALYSIS REPORT
PHASE CONTRAST MICROSCOPY**

Client : Chico Unified School District
Site : McManus Elementary

Page 1 of 1

HMS Job Number : C1221

Lab Report Number : 08/9811

Client's
Job ID : C1221 - Wall Plaster Cut-Out Mini-Containment

Date Analyzed : 08/06/98

Effective Filter Area: 385 mm²

Graticule Field Area: 0.00785 mm²

Sample #	Lab #	Location/Activity/Date Collected	Rota	LPM AVG.	On/Off Total	Vol. (L)	Fibers/ Fields	Results
HMS- C1221- CA06	08/9811-01	GIRLS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:45	2,310	21/100	f/cc .004
				13.9	15:30			LOD .001
				14.0	165			UCL .014
HMS- C1221- CA07	08/9811-02	GIRLS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:45	2,310	18/100	f/cc .004
				13.9	15:30			LOD .001
				14.0	165			UCL .012
HMS- C1221- CA08	08/9811-03	GIRLS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:45	2,310	14/100	f/cc .003
				13.9	15:30			LOD .001
				14.0	165			UCL .010
HMS- C1221- CA09	08/9811-04	GIRLS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:45	2,310	17/100	f/cc .004
				13.9	15:30			LOD .001
				14.0	165			UCL .012
HMS- C1221- CA10	08/9811-05	GIRLS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:45	2,310	14/100	f/cc .003
				13.9	15:30			LOD .001
				14.0	165			UCL .010

* TEM analysis - After sample has been analyzed by PCM, turn over to Asbestech for TEM Yamate Level II.

C:\CLIENT\CHICO\C1221\089811.LAB

Analyst Chico

Date 8-6-98

ANALYSIS PERFORMED ACCORDING TO NIOSH 7400 "A RULES"

f/cc = Fiber per Cubic Centimeter of Air
LOD = Limit of Detection
UCL = 95% Upper Confidence Level

AIRBORNE FIBER Analysis Request Form for Hazard Management Services, Inc.

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P.O. BOX 25474
FRESNO, CA 93729
(209) 434-8163
FAX (209) 434-8163

☐ DATE: August 6, 1998

XX

SPECIAL INSTRUCTIONS:

☒ PCM NIOSH 7400 A 2 HR XX; 12 HR ____;
24 HR ____; 48 HR ____;

☐ TEM AHERA;

☐ TEM YAMATE I OR II 2 HR ____; 12 HR ____;
24 HR ____; 48 HR ____;

Bill lab charges to: HMS, Inc. XX

LAB: F.A.S.I ASBESTECH XX H.M.S., INC.

COLLECTED: August 6, 1998; BY: C. GERBER

JOB I.D.: C1221 - CHICO UNIFIED SCHOOL DISTRICT

JOB SITE: MCMANUS ELEMENTARY
WALL PLASTER CUT-OUT MINI-CONTAINMENT

Sample #	Lab #	Location/Activity/Date Collected	Rota	LPM AVG.	On/Off Total	Vol. (L)	Fibers/ Fields	Results
HMS- C1221- CA06	08/9811-01	GIRLS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:45	2,310	21/100	f/cc .004
				13.9	15:30			LOD .001
				14.0	165			UCL .014
HMS- C1221- CA07	08/9811-02	GIRLS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:45	2,310	18/100	f/cc .004
				13.9	15:30			LOD .001
				14.0	165			UCL .012
HMS- C1221- CA08	08/9811-03	GIRLS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:45	2,310	14/100	f/cc .003
				13.9	15:30			LOD .001
				14.0	165			UCL .010
HMS- C1221- CA09	08/9811-04	GIRLS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:45	2,310	17/100	f/cc .004
				13.9	15:30			LOD .001
				14.0	165			UCL .012
HMS- C1221- CA10	08/9811-05	GIRLS RESTROOM AT WEST END OF WING ROOMS 11-17. CLEARANCE AIR.	H10	14.1	12:45	2,310	14/100	f/cc .003
				13.9	15:30			LOD .001
				14.0	165			UCL .010

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JOHN MCMANUS ELEMENTARY SCHOOL
CHICO UNIFIED SCHOOL DISTRICT
CHICO, BUTTE CO., CALIFORNIA

DIAGRAM OF BUILDING AREA

- ☒ EXISTING (1-A)
☐ BASIC PLANS (2-A)
☐ FINAL PLANS (3-A)

HMS # C1221
8/6/98 CCG
Collect 2 sets of PCM Clearance
Air Samples

LEASED PORTABLES
24' x 40' & 30' x 32' = 1920 SQ. FT.
APPL. # 49876 2/88

LEASED PORTABLE
30' x 32' = 960 #
APPL. # 51558 2-89

BUTTE CO. SUPER.
OF SCHOOLS
OLA. PORTABLE = 960 #
APPL. # = 47175

CA01 →
CA05

LEASED PORTABLES =
3264 #, APPL. # 48407
APPROVED - 2/87

APP. # 31807
2/69
UNIT "E"

UNIT "D"
APPL. # = 12935
3/55

6 →
CA10

APP. # 6607
2/51
UNIT "A"

UNIT "C" APPL. # 4892
5/47

EAST AVENUE

LEASED PORTABLES = 1408 #
APPL. # = 48407
APPROVED - 2/87

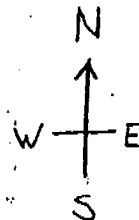


PLOT PLAN
Scale 1/8" = 1'-0"

JOHN MCMANUS SCHOOL

NOTES:

N.O.C. = NOTICE OF COMPLETION
EXISTING BLDGS. TO BE RECONSTRUCTED
EXISTING BUILDINGS



DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
ASBESTOS CONSULTANT CERTIFICATION UNIT

200 Park Towne Circle, Suite 1
Sacramento, CA 95825
(916) 574-2993 FAX (916) 483-0572



412301572C 99
Christian Gerber
5021 Cabrillo Way
Sacramento, CA 95820

December 16, 1997

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, please abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card.

Please hold and do not send copies of your required AHERA refresher renewal certificates to the Division until you apply for renewal of your certification.

Please inform the Division of any changes in your mailing address or work address within 15 days.

Sincerely,

Rick Axe, CIH
Senior Industrial Hygienist

RA/dor

Attachment

cc: File

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Christian C. Gerber
Name



Certification No. 94-1572

Expires on 1/10/99

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

CAL

ENVIRONMENTAL

SERVICES

INC

This is to certify that

Christian Gerber

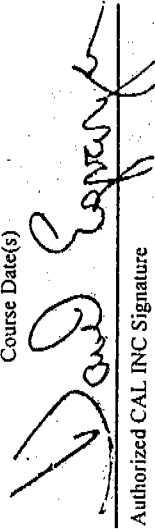
has successfully completed the EPA approved A.H.E.R.A. course for

Asbestos Building Inspector - Refresher

as required under TSCA Title II

4/1/98 to 4/1/98
Course Date(s)

4/1/99
Expiration Date


Authorized CAL INC Signature

AC-17753
Certificate Number

CAL INC PO Box 6327 Vacaville, CA 95696 707-446-7996

CERTIFICATE OF COMPLETION

MED-TOX

ASSOCIATES, INC.

OCCUPATIONAL AND ENVIRONMENTAL HEALTH SERVICES

THIS IS TO CERTIFY THAT

CHRIS GERBER

MED-TOX ASSOCIATES, INC.

WITH

30

HAS COMPLETED HOURS OF:

SAMPLING & EVALUATING AIRBORNE ASBESTOS DUST (NIOSH 582 EQUIVALENT)

0582-3

JANUARY 11, 1988

CERTIFICATE NUMBER

DATE

Thomas V. Egenhardt, Jr.
DIRECTOR

PROFICIENCY ANALYTICAL TESTING (PAT) PROGRAM
 LABORATORY YEAR-TO-DATE PERFORMANCE REPORT FOR ROUND 133
 LAB ID=11179 MAY 19, 1998
 HAZARD MANAGEMENT SERVICES INC., CITRUS HEIGHTS, CA 95621-7548

SAMPLE TYPE	ROUND	ROUND *	ACCUMULATED PERFORMANCE				PROFICIENCY
		PERFORMANCE	4 ROUNDS (%)		2 ROUNDS (%)		RATING #
ASBESTOS/FIBERS	130	4/4					
	131	4/4					
	132	4/4					
	133	4/4	16/16	100	8/8	100	P

* The denominators represent the number of total samples analyzed.

The numerators represent the number of acceptable results.

P : Proficient

N: Nonproficient

-: Not Rated

Performance ratings are based on accumulated results over four rounds (one year). A lab's performance on each sample type is rated proficient (P), if: 1) three-fourths (75%) or more of the accumulated results over four rounds are acceptable or 2) for the last two rounds, all samples are analyzed and the results are 100 % acceptable. If a laboratory receives samples for a contaminant and does not report the data, no rating will be given for that contaminant.

AIRBORNE FIBER Analysis Request Form for Hazard Management Services, Inc.

P.O. BOX 576848
MODESTO, CA 95357-6848
(209) 551-2000
FAX (209) 551-2005

P.O. BOX 7548
CITRUS HEIGHTS, CA 95621-7548
(916) 723-4350
FAX (916) 723-8917

P.O. BOX 25474
FRESNO, CA 93729
(209) 434-8163
FAX (209) 434-8163

DATE 8-6-98

XX

SPECIAL INSTRUCTIONS:

☒ PCM NIOSH 7400 A 2 HR ☒ 12 HR
24 HR ☐ 48 HR

☐ TEM AHERA;

☐ TEM YAMATE I OR II 2 HR ☐ 12 HR
24 HR ☐ 48 HR

Bill lab charges to: HMS, Inc. ☒ or Client

LAB: ☐ F.A.S.I. ☐ ASBESTECH ☒ H.M.S., INC. CC9

COLLECTED: 8-6-98 BY: R. BEALL
C. GERBER
D. COLLEY

JOB I.D.: C1221 Chico U.S.D.

JOB SITE: Mc Manus Elem. Wall Plaster Cut-out Mini-Containment

Sample #	Lab #	Location/Activity/Data Collected	Rate	LPM AVG.	On/Off Total	Vol. (L)	Fibers/ Fields	Results
HMS- C1221 CA01	08/9810 -01	Boys Restroom @ West End of Wing Rooms 11-17 Clearance Air	410	14.1 13.9 14.0	12:35 15:20 165	2,310	14 /100	F/cc .003 LD .001 UCL .010
HMS- CA02	-02						11 /100	F .002 L .001 U .008
HMS- CA03	-03						17 /100	F .004 L .001 U .012
HMS- CA04	-04						16 /100	F .003 L .001 U .011
HMS- CA05	-05						9 /100	F .002 L .001 U .006
HMS-								
HMS-								

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AIRBORNE FIBER Analysis Request Form for Hazard Management Services, Inc.

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DATE 8-6-98

XX

SPECIAL INSTRUCTIONS:

☒ PCM NIOSH 7400 A 2 HR X 12 HR
24 HR 48 HR

☐ TEM AHERA;

Bill lab charges to: HMS, Inc. ☒ or Client

☐ TEM YAMATE I OR II 2 HR 12 HR
24 HR 48 HR

LAB: ☐ F.A.S.I. ☐ ASBESTECH ☒ H.M.S. INC. CCG

COLLECTED: 8-6-98 BY: R. BEALL

C. GERBER

D. COLLEY

JOB I.D.: C1221
Chico U.S.D.

JOB SITE: McManus Elem.
Wall Plaster Cut-out Mini-Containment

Sample #	Lab #	Location/Activity/Date Collected	Rota	LPM AVG.	On/Off Total	Vol. (L)	Fibers/ Fields	Results
HMS C1221	08/9811	Girl's Restroom @ West End of Wing Rooms 11-17	H10	14.1	12:45			F/cc .004
-CA06	-01	Clearance Air		13.9	15:30	2,310	21/100	LDD .001 UCL .014
HMS-							18/100	F .004 L .001 U .012
-CA07	-02						14/100	F .003 L .001 U .010
HMS-							17/100	F .004 L .001 U .012
-CA08	-03						14/100	F .003 L .001 U .010
HMS-								
-CA09	-04							
HMS-								
-CA10	-05							
HMS-								
HMS-								

D:\FORMS\SAMPLING\AIRFIBRE.BLK

SIX-MONTH SURVEILLANCE

Page 1 of 3

DISTRICT Chico Unified School DistrictDATE December 20, 1996

9/15/98

SCHOOL McManus ElementaryINSPECTOR Rob Peters

R.P.

HOMOG. ASBESTOS

BLDG.	MAT.#	MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
A	Wall plas	5-10	Kitchen, Admin., halls	1-4 4
A	9" VFT	5-10	Kitchen	1-4 4
A	TOC	1-5	Kitchen pantry	1-4 4
A	PW & Debr	10-15	Admin attic above men's rr	7 July '93
A	PW Str	40-45	Kitchen attic	7 July '93
A	Air cell	Assumed	Custodial closet	7 July '93
A	Tran pipe	Assumed	Kitchen heater closet	1-4 4
B	Wall plas	5-10	RR, hall area, boiler room	1-4 4
B	TOC	1-5	Custodial room & hall	1-4 4
B	Mud Jnt	25-30	Main boiler room	7
B	Counter-top lino	1-5	Classroom areas	1-4 4

CONDITION CODES

GENERAL CONDITION:

(1) GOOD (2) DAMAGED (3) SIGNIFICANTLY DAMAGED (25% OR MORE)

CHANGE IN CONDITION:

(4) NO (5) YES (IF YES, EXPLAIN UNDER COMMENTS)

ABATED: (6) REPAIRED (7) REMOVED (8) ENCAPSULATED (9) ENCLOSED (10) ISOLATED & RESTRICTED

MISC: (11) INACCESSIBLE, NO SURVEILLANCE DATA (12) OTHER (EXPLAIN UNDER COMMENTS)

POSTED
9/15/98

SIX-MONTH SURVEILLANCE

Page 2 of 3

DISTRICT Chico Unified School District DATE December 20, 1998

9/15/98

SCHOOL McManus Elementary INSPECTOR Rob Peters

BLDG.	HOMOG. MAT.#	ASBESTOS MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
B	9" VFT	1-5	Rm 9 & rest of wing	7 July '93
B	Air Cell	Assumed	Main B/R room, custodial room attic	1-4 4
B	Tank Wrap	Assumed	Main B/R room	1-4 4
B	B/R air cell	Assumed	Main B/R room	1-4 4
B	Pipewrap	60-70%	In attics and walls	11
C	Duct wrap	70-75	Sm B/R room, attic	7 July '93
C	Wall plas	5-10	Old RR, B/R room	Retested - no asbestos
C	9" VFT	5-10	Rm 2 and rest of wing	7 July '93
D	Wall plas	5-10	Cust. rm, hall, RR area	1-4 4
D	9" VFT	5-10	Hall, classroom areas	1-4 4
D	TOC	1-5	Hall & custodial room	1-4

CONDITION CODES

GENERAL CONDITION: (1) GOOD (2) DAMAGED (3) SIGNIFICANTLY DAMAGED (25% OR MORE)
CHANGE IN CONDITION: (4) NO (5) YES (IF YES, EXPLAIN UNDER COMMENTS)

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SIX-MONTH SURVEILLANCE

Page 1 of 3

DISTRICT Chico Unified School District

DATE January 6, 1996

1-26-98

SCHOOL McManus Elementary INSPECTOR Ron Jones

HOMOG. ASBESTOS
MAT.# MATERIAL

BLDG. LOCATION

CONDITION: CODE & COMMENTS

A	Wall plas	5-10	Kitchen, Admin., halls	1-4	✓
A	9" VFT	5-10	Kitchen	1-4	✓
A	TOC	1-5	Kitchen pantry	1-4	✓
A	PW & Debr	10-15	Admin attic above men's rr	7 July '93	✓
A	PW Str	40-45	Kitchen attic	7 July '93	✓
A	Air cell	Assumed	Custodial closet	7 July '93	✓
A	Tran pipe	Assumed	Kitchen heater closet	1-4	✓
B	Wall plas	5-10	RR, hall area, boiler room	1-4	✓
B	TOC	1-5	Custodial room & hall	1-4	✓
B	Mud Jnt	25-30	Main boiler room	7	✓
B	Counter-top lino	1-5	Classroom areas	1-4	✓

CONDITION CODES

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SIX-MONTH SURVEILLANCE

Page 2 of 3

DISTRICT Chico Unified School District

DATE January 6, 1998

1-26-98

SCHOOL McManus Elementary

INSPECTOR Ron Jones

BLDG.	HOMOG. MAT.#	ASBESTOS MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
B	9" VFT	1-5	Rm 9 & rest of wing	7 July '93 ✓
B	Air Cell	Assumed	Main B/R room, custodial room attic	1-4 ✓
B	Tank Wrap	Assumed	Main B/R room	1-4 ✓
B	B/R air cell	Assumed	Main B/R room	1-4 ✓
B	Pipewrap	60-70%	In attics and walls	11 ✓
C	Duct wrap	70-75	Sm B/R room, attic	7 July '93 ✓
C	Wall plas	5-10	Old RR, B/R room	Retested - no asbestos ✓
C	9" VFT	5-10	Rm 2 and rest of wing	7 July '93 ✓
D	Wall plas	5-10	Cust. rm, hall, RR area	1-4 ✓
D	9" VFT	5-10	Hall, classroom areas	1-4 ✓
D	TOC	1-5	Hall & custodial room	1-4 ✓

CONDITION CODES

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SIX-MONTH SURVEILLANCE

page 3 of 3

DISTRICT Chico Unified School District DATE ~~January 6, 1996~~ 1-26-98

SCHOOL McManus Elementary INSPECTOR Ron Jones

BLDG.	HOMOG.	ASBESTOS
		MATERIAL
		MAT.#
1	1	1
2	2	2
3	3	3
4	4	4
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100	100	100

CONDITION: CODE & COMMENTS

[illegible]

CONDITION CODES

GENERAL CONDITION: (1) GOOD (2) DAMAGED (3) SIGNIFICANTLY DAMAGED (25% OR MORE)

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EOS ENVIRONMENTAL, INC.

ENVIRONMENTAL AND OCCUPATIONAL HEALTH SERVICES

507 MISSION STREET, SOUTH PASADENA, CA 91030
TEL. (626) 441-7050 * FAX (626) 441-0016

2110-21ST STREET #150, SACRAMENTO, CA 95814
TEL. (916) 452-5884 * FAX (916) 452-5912

**AHERA RE-INSPECTION
DOCUMENTATION**

CHICO UNIFIED SCHOOL DISTRICT

1998

Asbestos Three Year Re-Inspection

McMANUS ELEMENTARY SCHOOL

APRIL 10, 1998

TABLE OF CONTENTS

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- VII. INSPECTOR'S QUALIFICATIONS**

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

On April 10, 1998 , EOS Environmental, Inc. performed a visual re-inspection for asbestos containing building materials, (ACBM) at McManus Elementary. The purpose of the re-inspection was to comply with the U. S. Environmental Protection Agency (EPA) CRF 763 - AHERA requirement for a three year re-inspection.

Prior to the re-inspection, previous inspection reports were reviewed in order to determine which building materials had been previously tested and found to be asbestos containing, which were found not to contain asbestos, and if any materials had not been tested.

After the review of previous building inspections, a complete visual walk-through inspection of the site was performed. The visual inspection determined that conditions at McManus were such that all non friables and friables were in good condition at the time of this inspection.

Sampling was done at McManus. All samples were negative for ACBM's except Sample # MCM 98541SFL tested positive, # MCM 98541SFL Mastic also tested positive. See Lab reports under Field Notes.

MATERIAL INVENTORY

MATERIAL CODES

ACS - Acoustical Ceiling Spray
ACT - Acoustical Ceiling Tile
ACP - Acoustical Ceiling Panels
AIR - Air Cell
ASF - Asphalt
ASP - Asbestos Paper
BBM - Baseboard Mastic
BOI - Boiler Insulation
BOL - Blown-In Insulation
BRK - Brick
BUR - Built-up Roofing
CAP - Cement Asbestos Pipe
CAS - Cement Asbestos Siding
CIN - Cinder Block
CEM - Cement
CER - Ceramic
CUR - Curtains
DEB - Debris
DRY - Drywall
DTM - Drywall Taping Mud
ELB - Pipe Elbow (fittings)
EXP - Exterior Panels
FIR - Fire Rated Brick
FLT - Floor Tile
FRD - Fire Rated Door
FUR - Furnace Pad
GAS - Gasket
MAS - Mastic
MIS - Miscellaneous
MOR - Mortar
P/C - Pipe Cover
PLA - Plaster
SFL - Vinyl Floor Sheeting
SFP - Sprayed-on Fireproofing
SOL - Soil
STC - Stucco
TAP - Tape
TAR - Tar
RFS - Composite Roofing Shingles
RFT - Roofing Felt
ROL - Rolled Roofing Material
WOV - Woven Cloth Joint Expansion
WPY - Window Putty

MATERIAL INVENTORY

Pg. 1

McManus Elementary School

4-10-98

James M. Rich
96-2035

MAT. CODE	DESCRIPTION OF MATERIAL	AREA FOUND	CAT.	FRI.	ORIGINAL AMOUNT	AMOUNT LEFT	HAS AB.
FLT	9" VFT Beige	Bldg. A Kitchen	MISC	No	500 SF	500 SF	Yes
STC	TOC (trowel on ceil.)	Bldg. A Kitchen Pantry	SUR	No	500 SF	500 SF	Yes
ACT	1' x 1'	Bldg. A MPR	SUR	No	2800 SF	2800 SF	As.
CAP	Transite Pipe	Bldg. A Kitchen Htr. Clst.	MISC	No	5 LF	5 LF	As.
MIS	Countertop Linoleum	Bldg. B Classroom Areas	MISC	No	245 SF	245 SF	Yes
PLA	Wall Plaster	Bldg. D Cust. Rm., hall, RR area	SUR	No	2000 SF	2000 SF	Yes
FLT	9" VFT	Bldg. D Hall, Classroom areas	MISC	No	7120 SF	7120 SF	Yes
STC	TOC (trowel on ceil.)	Bldg. D Hall & cust. rm.	SUR	No	500 SF	500 SF	Yes
P/C	Pipe Covering	Bldg. D Cust. Rm.	TSI	Yes	11 LF	11 LF	Yes

POSITIVE MATERIAL LIST

POSITIVE MATERIALS

Pg. 1

McManus Elementary School

James M. Rich
96-2035

4-10-98

AREA NAME	SPACE NAME	ORIG. AMOUNT	AMOUNT LEFT	UNIT	MAT. CODE	UNIT PRICE	BUDGET CALC.
Bldg. A	Kitchen	500 SF	500 SF	SF	FLT		
Bldg. A	Kitchen Pantry	500 SF	500 SF	SF	STC		
Bldg. A	MPR	2800 SF	2800 SF	SF	ACT		
Bldg. A	Kitchen Htr. Clst.	5 LF	5 LF	LF	CAP		
Bldg. B	Classroom Areas	245 SF	245 SF	SF	MIS		
Bldg. D	Cust. Rm., hall, RR area	2000 SF	2000 SF	SF	PLA		
Bldg. D	Hall, Classroom areas	7120 SF	7120 SF	SF	FLT		
Bldg. D	Hall & cust. rm.	500 SF	500 SF	SF	STC		
Bldg. D	Cust. Rm.	11 LF	11 LF	LF	P/C		