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
DATE: 8/5/98.
SITE: McNAMARA RESTROOMS 12.
TIME: 6:05 AM.
PEOPLE: PAUL, TIM, (SUP.) ROB PETERS.

CONTAINMENT:
- MINI CONTAINMENT.
  (1.) 15" FRAME WORK WRAPPED IN PLASTIC.
  (2.) 6' X 2' X 4' TRASH CAN.
  (3.) GLOVES, BAG CUT & TAPE IN PLACE.
  (4.) NECK AIR IN PLACE.
  (5.) SAFETY MEETING PAUL/TIM/ROB.
  (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.) ROB HAS 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 4 HARD WE ARE GOING
     TO CHANGE CONTAINMENT.
(5.) INSPECTED NEW CONTAINMENT.
(6.) GUT PROY ON WALLS (3.)
(7.) 3 FLAP DOOR, 1/6 WINDOW.
DATE: 8/6/98
SITE: JOHN MCMANUS
PEOPLE: PAUL/TIM/ROB P.

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       TEMPERATURE 89°
SITE:  Manasus
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 NOISE BLADES.
7:40 STARTED BAG OUT.
7:42 Paul came outside containment.
7:55 Project completed.

AIR CLEARANCE SAMPLES TAKEN 13Y
HMS ON 8/6/98
8:50 (8) Ron Jones showed up. I asked him to get temporary numbers for CSH & Shasta. Also check LGE Medical records.

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

(6) Jim B. went to pick up Paul:
   (A.) Hudson sprayer
   (B.) More rags
   (C.) Duct tape
   (D.) Another HEPA vac

10:01 (4) 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
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 contrast 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
# Airborne Fiber Analysis Report

**Phase Contrast Microscopy**

**Client:** Chico Unified School District  
**Site:** McManus Elementary

**HMS Job Number:** C1221  
**Lab Report Number:** 08/9810  
**Date Analyzed:** 08/06/98

**Effective Filter Area:** 385 mm²  
**Graticule Field Area:** 0.00785 mm²

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<th>Rota</th>
<th>PM AVG.</th>
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<th>Vol. (L)</th>
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* TEM analysis - After sample has been analyzed by PCM, turn over to Asbestech for TEM Yamate Level II.

C:\CLIENT\CHICO\C1221\089810.LAB

**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**

**SPECIAL INSTRUCTIONS:**

Bill lab charges to: HMS, Inc. XX

LAB: FAS1 ASBESTECH XX H.M.S., INC.

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

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

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# Airborne Fiber Analysis Report

**Phase Contrast Microscopy**

**Client:** Chico Unified School District

**Site:** McManus Elementary

**HMS Job Number:** C1221

**Lab Report Number:** 08/9811

**Date Analyzed:** 08/06/98

**Effective Filter Area:** 385 mm²

**Gragicule Field Area:** 0.00785 mm²

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

**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, 1996

☐ 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 ---;

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

SPECIAL INSTRUCTIONS:

Bill lab charges to: HMS, Inc. XX

LAB: [F.A.S.I] [ASBESTECH XX] H.M.S., INC.
COLLECTED: August 6, 1996; BY: C. GERBER

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

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<td>14.1</td>
<td>12.45</td>
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<td>14/100</td>
<td>f/cc .003 LOD .001 UCL .010</td>
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</table>
DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
ASBESTOS CONSULTANT CERTIFICATION UNIT

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

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
c: File

Certified Asbestos Consultant

Christian C. Gerber

State of California
Division of Occupational Safety and Health

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.
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

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

WITH MED-TOX ASSOCIATES, INC.

HAS COMPLETED 30 HOURS OF:

SAMPLING & EVALUATING AIRBORNE ASBESTOS DUST (NIOSH 582 EQUIVALENT)

0582-3

CERTIFICATE NUMBER

JANUARY 11, 1988

DATE

Thomas V. Koenen
DIRECTOR
<table>
<thead>
<tr>
<th>SAMPLE TYPE</th>
<th>ROUND</th>
<th>PERFORMANCE</th>
<th>ACCUMULATED PERFORMANCE</th>
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* 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 95610-7548
(916) 728-250
FAX (916) 728-2017

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

**DATE** 8-6-98

**SPECIAL INSTRUCTIONS:**
- □ POM NIOSH 7400 A 2 HR X 12 HR:
  - 24 HR: 48 HR:
- □ TEM AHERA:
- □ TEM YAMATE 1 OR 2 2 HR: 12 HR:
  - 24 HR: 48 HR:

**Bill lab charges to:**
- □ HMS, Inc.
- □ Client

**LAB:**
- □ F.A.S.T.
- □ ASBESTECH
- □ H.M.S., INC.

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

**JOB ID:** Chico U.S.D
**JOB SITE:** McManus Elem.
**Wall/Plaster Cut-Out, Mini-Containment**

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Lab #</th>
<th>Location/Activity/Date Collected</th>
<th>Rota</th>
<th>LPM AVG</th>
<th>On/Off Total</th>
<th>Vol (l)</th>
<th>Fibers/Fields</th>
<th>Results</th>
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<td>30' Room @ West End of Wing Rooms 11-17 Cloak Air</td>
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<td>61 0.003</td>
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</table>

**signature** 8-6-98

D: FORMS/SAMPLING/VARFIBRE BLX
<table>
<thead>
<tr>
<th>Sample #</th>
<th>Lab #</th>
<th>Location/Activity/Date Collected</th>
<th>Rota</th>
<th>LPM</th>
<th>On/Off</th>
<th>Vol. (L)</th>
<th>Fiber/Fields</th>
<th>Results</th>
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<td>Girl's Restroom @ West End of Wing Rooms 11-17 Clearance Air</td>
<td>16.1</td>
<td>12</td>
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<td>21</td>
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Bill lab charges to: HMS, Inc. or Client

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

JOB SITE: Wall Plaster Cut-Out Mini-Containment
**SIX-MONTH SURVEILLANCE**

**DISTRICT:** Chico Unified School District  
**DATE:** December 20, 1995

**SCHOOL:** McManus Elementary  
**INSPECTOR:** Rob Peters

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

**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)
## SIX-MONTH SURVEILLANCE

**District**: Chico Unified School District  
**Date**: December 20, 1998  
**School**: McManus Elementary  
**Inspector**: Bob Peters

### Table: Asbestos Survey

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<th>ASBESTOS MATERIAL</th>
<th>LOCATION</th>
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<tr>
<td>B</td>
<td>9&quot; VFT</td>
<td>1-5</td>
<td>Rm 9 &amp; rest of wing</td>
<td>7 July '93</td>
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<tr>
<td>B</td>
<td>Air Cell</td>
<td>Assumed</td>
<td>Main B/R room, custodial room attic</td>
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<tr>
<td>B</td>
<td>Tank Wrap</td>
<td>Assumed</td>
<td>Main B/R room</td>
<td>1-4</td>
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<tr>
<td>B</td>
<td>B/R air cell</td>
<td>Assumed</td>
<td>Main B/R room</td>
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<tr>
<td>B</td>
<td>Pipewrap</td>
<td>60-70%</td>
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<tr>
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<td>Wall plas</td>
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<td>Old RR, B/R room</td>
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<td>TOC</td>
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<td>Hall &amp; custodial room</td>
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</tbody>
</table>

### 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)

SIX-MONTH SURVEILLANCE

DISTRIBUTION: Chico Unified School District

DATE: December 20, 1985

SCHOOL: McManus Elementary

INSPECTOR: Rob Peters

<table>
<thead>
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<th>HOMOG.</th>
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<th>LOCATION</th>
<th>CONDITION: CODE &amp; COMMENTS</th>
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<tr>
<td>D</td>
<td>PW</td>
<td>20-25</td>
<td>Custodial room</td>
<td>1-4 PW Str-fiber., PW Cnr-ACM</td>
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<tr>
<td>Port</td>
<td>Drywall</td>
<td>Assumed</td>
<td>Behind tagboard</td>
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</table>

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)
## SIX-MONTH SURVEILLANCE

**DISTRICT:** Chico Unified School District  
**DATE:** January 6, 1996  
**SCHOOL:** McManus Elementary  
**INSPECTOR:** Ron Jones

<table>
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<th>LOCATION</th>
<th>CONDITION: CODE &amp; COMMENTS</th>
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</thead>
<tbody>
<tr>
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<td>Wall plas</td>
<td>5-10</td>
<td>Kitchen, Admin., halls</td>
<td>1-4 !</td>
</tr>
<tr>
<td>A</td>
<td>9&quot; VFT</td>
<td>5-10</td>
<td>Kitchen</td>
<td>1-4 !</td>
</tr>
<tr>
<td>A</td>
<td>TOC</td>
<td>1-5</td>
<td>Kitchen pantry</td>
<td>1-4 !</td>
</tr>
<tr>
<td>A</td>
<td>PW &amp; Debr</td>
<td>10-15</td>
<td>Admin attic above men's rr</td>
<td>7 July '93 !</td>
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<tr>
<td>A</td>
<td>PW Str</td>
<td>40-45</td>
<td>Kitchen attic</td>
<td>7 July '93 !</td>
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<tr>
<td>A</td>
<td>Air cell</td>
<td>Assumed</td>
<td>Custodial closet</td>
<td>7 July '93 !</td>
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<tr>
<td>A</td>
<td>Tran pipe</td>
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<td>1-4 !</td>
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<tr>
<td>B</td>
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<td>B</td>
<td>Counter-top lino</td>
<td>1-5</td>
<td>Classroom areas</td>
<td>1-4 !</td>
</tr>
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</table>

### 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)
### SIX-MONTH SURVEILLANCE

**DISTRICT:** Chico Unified School District  
**DATE:** January 6, 1998  
**SCHOOL:** McManus Elementary  
**INSPECTOR:** Ron Jones

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

**CONDITION CODES**

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

**CHANGE IN CONDITION:**  
4. (4) NO  
5. (5) YES (IF YES, EXPLAIN UNDER COMMENTS)
**SIX-MONTH SURVEILLANCE**

**DISTRIBUTION:** Chico Unified School District  
**DATE:** January 6, 1996  
**INSPECTOR:** Ron Jones

### Condition Table

<table>
<thead>
<tr>
<th>BLDG.</th>
<th>HOMOG. MAT.#</th>
<th>ASBESTOS MATERIAL</th>
<th>LOCATION</th>
<th>CONDITION: CODE &amp; COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>PW</td>
<td>20-25</td>
<td>Custodial room</td>
<td>1-4 PW Str-fiber., PW Cnr-ACM</td>
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<tr>
<td>Port</td>
<td>Drywall</td>
<td>Assumed</td>
<td>Behind tagboard</td>
<td>1-4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

### 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
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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III. POSITIVE MATERIAL LIST

IV. MISSING MATERIAL LIST

V. DIAGRAMS

VI. FIELD NOTES

VII. INSPECTOR’S QUALIFICATIONS
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
<table>
<thead>
<tr>
<th>MAT. CODE</th>
<th>DESCRIPTION OF MATERIAL</th>
<th>AREA FOUND</th>
<th>CAT.</th>
<th>FRI.</th>
<th>ORIGINAL AMOUNT</th>
<th>AMOUNT LEFT</th>
<th>HAS AB.</th>
</tr>
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<tbody>
<tr>
<td>FLT</td>
<td>9&quot; VFT Beige</td>
<td>Bldg. A Kitchen</td>
<td>MISC</td>
<td>No</td>
<td>500 SF</td>
<td>500 SF</td>
<td>Yes</td>
</tr>
<tr>
<td>STC</td>
<td>TOC (trowel on ceil.)</td>
<td>Bldg. A Kitchen Pantry</td>
<td>SUR</td>
<td>No</td>
<td>500 SF</td>
<td>500 SF</td>
<td>Yes</td>
</tr>
<tr>
<td>ACT</td>
<td>1&quot; x 1'</td>
<td>Bldg. A MPR</td>
<td>SUR</td>
<td>No</td>
<td>2800 SF</td>
<td>2800 SF</td>
<td>As.</td>
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<tr>
<td>CAP</td>
<td>Transite Pipe</td>
<td>Bldg. A Kitchen Htr. Clst.</td>
<td>MISC</td>
<td>No</td>
<td>5 LF</td>
<td>5 LF</td>
<td>As.</td>
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<tr>
<td>MIS</td>
<td>Countertop Linoleum</td>
<td>Bldg. B Classroom Areas</td>
<td>MISC</td>
<td>No</td>
<td>245 SF</td>
<td>245 SF</td>
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<tr>
<td>PLA</td>
<td>Wall Plaster</td>
<td>Bldg. D Cust. Rm., hall, RR area</td>
<td>SUR</td>
<td>No</td>
<td>2000 SF</td>
<td>2000 SF</td>
<td>Yes</td>
</tr>
<tr>
<td>FLT</td>
<td>9&quot; VFT</td>
<td>Bldg. D Hall, Classroom areas</td>
<td>MISC</td>
<td>No</td>
<td>7120 SF</td>
<td>7120 SF</td>
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<tr>
<td>STC</td>
<td>TOC (trowel on ceil.)</td>
<td>Bldg. D Hall &amp; cust. rm.</td>
<td>SUR</td>
<td>No</td>
<td>500 SF</td>
<td>500 SF</td>
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<tr>
<td>P/C</td>
<td>Pipe Covering</td>
<td>Bldg. D Cust. Rm.</td>
<td>TSI</td>
<td>Yes</td>
<td>11 LF</td>
<td>11 LF</td>
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POSITIVE MATERIAL LIST
<table>
<thead>
<tr>
<th>AREA NAME</th>
<th>SPACE NAME</th>
<th>ORIG. AMOUNT</th>
<th>AMOUNT LEFT</th>
<th>UNIT</th>
<th>MAT. CODE</th>
<th>UNIT PRICE</th>
<th>BUDGET CALC.</th>
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</thead>
<tbody>
<tr>
<td>Bldg. A</td>
<td>Kitchen</td>
<td>500 SF</td>
<td>500 SF</td>
<td>SF</td>
<td>FLT</td>
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<tr>
<td>Bldg. A</td>
<td>Kitchen Pantry</td>
<td>500 SF</td>
<td>500 SF</td>
<td>SF</td>
<td>STC</td>
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<tr>
<td>Bldg. A</td>
<td>MPR</td>
<td>2800 SF</td>
<td>2800 SF</td>
<td>SF</td>
<td>ACT</td>
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<td>Bldg. A</td>
<td>Kitchen Htr. Clst.</td>
<td>5 LF</td>
<td>5 LF</td>
<td>LF</td>
<td>CAP</td>
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<tr>
<td>Bldg. B</td>
<td>Classroom Areas</td>
<td>245 SF</td>
<td>245 SF</td>
<td>SF</td>
<td>MIS</td>
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<tr>
<td>Bldg. D</td>
<td>Cust. Rm., hall, RR area</td>
<td>2000 SF</td>
<td>2000 SF</td>
<td>SF</td>
<td>PLA</td>
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</tr>
<tr>
<td>Bldg. D</td>
<td>Hall, Classroom areas</td>
<td>7120 SF</td>
<td>7120 SF</td>
<td>SF</td>
<td>FLT</td>
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<td></td>
</tr>
<tr>
<td>Bldg. D</td>
<td>Hall &amp; cust. rm.</td>
<td>500 SF</td>
<td>500 SF</td>
<td>SF</td>
<td>STC</td>
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</tr>
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<td>Bldg. D</td>
<td>Cust. Rm.</td>
<td>11 LF</td>
<td>11 LF</td>
<td>LF</td>
<td>P/C</td>
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</table>