

**SIX MONTH SURVEILLANCE  
HOMOGENEOUS ACBM RECORDS**

Date of Inspection: 06/06/2005

District: Chico Unified School District

Inspector: Leroy Christophersen

School: McManus Elementary School

Building: A

Material Class	Material	Homo. Mat. #	% Asb.	Ft <sup>2</sup> /L.F.	Location	Condition: Code & Comments	Friable Yes/No
S	WALL PLASTER	2	5-10%	4,400 S	ADMINISTRATION AREA, HALLWAYS, KITCHEN, AND ADMINISTRATION RESTROOMS	(2) (6) PRINCIPAL'S WALL HOLE, KITCHEN WALL NEAR BACK DOOR	N
M	9" VFT	4	5-10%	1,063 S	HALL AND KITCHEN	(1) (4)	N
M	LINOLEUM	5	NONE DETECTED	120 S	BOTH ADMINISTRATION RESTROOMS	(13) SAMPLE HMS-MMS-05 COLLECTED ON 3/30/88.	N/A
S	TROWL ON CEILING	6	1-5%	16,000 S	ADMINISTRATION AREA, ATTIC AREA, HALLWAY, ADMINISTRATION RESTROOMS, AND KITCHEN	(11) COVERED BY 12" ACT.	N
M	12" VFT MULTI-COLORS	95	ASSUMED	2,570 S	MULTI-PURPOSE ROOM	(1) THIS VFT WAS A MIX OF PINK, GREEN, AND GRAY COLORS	N/A
T	TRANSITE PIPE	98	ASSUMED	6 L	KITCHEN HEATER CLOSET	(1) (4)	N
M	12" ACT	100	ASSUMED	400 S	ADMINISTRATION	(1) (4) DISTRICT MUST CERTIFY.	N
M	2' X 4' FCP S	101	ASSUMED	800 S	PRINCIPAL S OFFICE & ADMINISTRATIVE OFFICES	(1) (4) DISTRICT MUST CERTIFY.	N
M	12" VFT GREEN	102	ASSUMED	2,570 S	MULTI-PURPOSE ROOM	(1) (4) DISTRICT MUST CERTIFY.	N
M	12" VFT WHITE	103	ASSUMED	350 S	CORRIDOR (NORTH)	(1) (4)	N

**CONDITION CODE**

**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

**Miscellaneous:** (11) Inaccessible, no inspection data (12) Other (Explain under comments) (13) Non-Asbestos/Not Inspected

**CONSULT ORIGINAL AND SUPPLEMENTARY INSPECTION REPORTS FOR MATERIALS WITH TRACE AMOUNTS OF ASBESTOS**

**SIX MONTH SURVEILLANCE  
HOMOGENEOUS ACBM RECORDS**

Date of Inspection: 06/06/2005

District: Chico Unified School District  
School: McManus Elementary School

Inspector: Leroy Christophersen  
Building: C

Material Class	Material	Homo. Mat. #	% Asb.	Ft <sup>2</sup> /L.F.	Location	Condition: Code & Comments	Friable Yes/No
S	WALL PLASTER	2	5-10%	1,500 S	BOILER ROOM, HALLWAY, AND RESTROOMS	(1) (4)	N
S	TROWLED ON CEILING	6	1-5%	600 S	HALLWAY AND CUSTODIAN ROOM	(1) (4)	N
M	LINOLEUM	10	1-5%	245 S	ALL CLASSROOMS COUNTERTOPS	(7)	N/A
M	2' X 4' FCP S	87	ASSUMED	6,300 S	CEILING OF ALL CLASSROOMS 4-10	(1) (4)	N
T	PIPEWRAP	90	60-70%	UNDETERMINED	IN ATTICS AND WALLS	(11) THIS MATERIAL IS INACCESSIBLE, THEREFORE FOOTAGE HAS NOT BEEN DETERMINED.	N
T	AIR CELL	96	ASSUMED	120 S	MAIN BOILER ROOM	(7)	N/A
T	AIR CELL TANK WRAP	97	ASSUMED	20 S	MAIN BOILER ROOM	(7)	N/A
T	AIR CELL	99	ASSUMED	165 L	CUSTODIAN ROOM ATTIC AND MAIN BOILER ROOM	(7) IN MAIN BOILER.	N/A
M	12" VFT	100	ASSUMED	2,100 S	ENTRANCES OF ALL CLASSROOMS AND COPY ROOM	(1) (4) STRIPS ALONG ENTRANCES OF ALL CLASSROOMS.	N

**CONDITION CODE**

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Change in Condition: (4) No (5) Yes (If Yes, explain under comments)  
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**CONSULT ORIGINAL AND SUPPLEMENTARY INSPECTION REPORTS FOR MATERIALS WITH TRACE AMOUNTS OF ASBESTOS**

**SIX MONTH SURVEILLANCE  
HOMOGENEOUS ACBM RECORDS**

Date of Inspection: 06/06/2005

District: Chico Unified School District

Inspector: Leroy Christophersen

School: McManus Elementary School

Building: B

Material Class	Material	Homo. Mat. #	% Asb.	Ft <sup>2</sup> /L.F.	Location	Condition: Code & Comments	Friable Yes/No
S	PLASTER	2	5-10%	1,700 S	RESTROOMS AND BOILER ROOM	(1) (4) (12) EOS, INC. CLAIMS THIS MATERIAL WAS RETESTED AND FOUND TO BE NON-ASBESTOS CONTAINING. HOWEVER, NO SAMPLE NUMBER CAN BE LOCATED.	N
M	12" VFT	85	ASSUME D	3,000 S	CLASSROOMS 1 & 2	(1) (4) PARTIALLY CONCEALED BY CARPET.	N
M	2' X 4' FCP S	86	ASSUMED	3,000 S	CLASSROOMS 1 & 2	(1) (4)	N

CONDITION CODE

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

Miscellaneous: (11) Inaccessible, no inspection data (12) Other (Explain under comments) (13) Non-Asbestos/Not Inspected

**CONSULT ORIGINAL AND SUPPLEMENTARY INSPECTION REPORTS FOR MATERIALS WITH TRACE AMOUNTS OF ASBESTOS**

**SIX MONTH SURVEILLANCE  
HOMOGENEOUS ACBM RECORDS**

Date of Inspection: 06/06/2005

District: Chico Unified School District

Inspector: Leroy Christophersen

School: McManus Elementary School

Building: D

Material Class	Material	Homo. Mat. #	% Asb.	Ft <sup>2</sup> /L.F.	Location	Condition: Code & Comments	Friable Yes/No
S	WALL PLASTER	2	5-10%	2,000 S	CUSTODIAN ROOM, HALLWAY, AND RESTROOMS	(1) (4)	N
M	9" VFT	4	5-10%	7,000 S	HALLWAY AND ALL CLASSROOMS	(1) (4)	N
S	TROWLED ON CEILING	6	1-5%	500 S	HALLWAY AND CUSTODIAN ROOM	(1) (4)	N
T	PIPEWRAP FITTING	12	20-25%	11 L	CUSTODIAN ROOM	(1) (4) (12) PIPEWRAP STRAIGHT-FIBER. PIPEWRAP CORNER - ACM.	N
M	2' X 4' FCP S	55	ASSUMED	5,400 S	ALL CLASSROOMS	(1) (4)	N
M	LINOLEUM	72	1-5%	140 S	COUNTER TOPS IN ALL CLASSROOMS	(1) (4)	N

**CONDITION CODE**

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

Miscellaneous: (11) Inaccessible, no inspection data (12) Other (Explain under comments) (13) Non-Asbestos/Not Inspected

**CONSULT ORIGINAL AND SUPPLEMENTARY INSPECTION REPORTS FOR MATERIALS WITH TRACE AMOUNTS OF ASBESTOS**

**SIX MONTH SURVEILLANCE  
HOMOGENEOUS ACBM RECORDS**

Date of Inspection: 06/06/2005

District: Chico Unified School District

Inspector: Leroy Christophersen

School: McManus Elementary

Building: E

Material Class	Material	Homo. Mat. #	% Asb.	Ft <sup>2</sup> /L.F.	Location	Condition: Code & Comments	Friable Yes/No
M	2' X 4' FCP S	13	NONE DETECTED	1,000 S	LIBRARY	(13) SAMPLE HMS-CUSD-MCM-13 COLLECTED ON 04-12-92. LIBRARY WAS ORIGINALLY PART OF BUILDING D.	N/A
M	DRYWALL	75	NONE DETECTED	350 S	LIBRARY	(13) SAMPLE HMS-CUSD-MCM-75A COLLECTED ON 4-14-92.	N/A

Building: PORTABLES 3, 3A, AND 18-28

Material Class	Material	Homo. Mat. #	% Asb.	Ft <sup>2</sup> /L.F.	Location	Condition: Code & Comments	Friable Yes/No
						(12) THESE PORTABLES REQUIRE DISTRICT CERTIFICATION LETTERS. IF LETTERS ARE NOT AVAILABLE FOR ANY ONE OF THE PORTABLES, SAMPLES OF MATERIALS WITHIN THOSE PORTABLES WILL HAVE TO BE TAKEN TO DETERMINE ACM, IF ANY AT ALL.	

CONDITION CODE

- 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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**CONSULT ORIGINAL AND SUPPLEMENTARY INSPECTION REPORTS FOR MATERIALS WITH TRACE AMOUNTS OF ASBESTOS**

**SIX MONTH SURVEILLANCE  
HOMOGENEOUS ACBM RECORDS**

Date of Inspection: 12/27/2005

District: Chico Unified School District

Inspector: Leroy Christophersen

School: McManus Elementary School

Building: A

Material Class	Material	Homo. Mat. #	% Asb.	Ft <sup>2</sup> /L.F.	Location	Condition: Code & Comments	Friable Yes/No
S	WALL PLASTER	2	5-10%	4,400 S	ADMINISTRATION AREA, HALLWAYS, KITCHEN, AND ADMINISTRATION RESTROOMS	(1) (4)	N
M	9" VFT	4	5-10%	1,063 S	HALL AND KITCHEN	(1) (4)	N
M	LINOLEUM	5	NONE DETECTED	120 S	BOTH ADMINISTRATION RESTROOMS	(13) SAMPLE HMS-MMS-05 COLLECTED ON 3/30/88.	N/A
S	TROWL ON CEILING	6	1-5%	16,000 S	ADMINISTRATION AREA, ATTIC AREA, HALLWAY, ADMINISTRATION RESTROOMS, AND KITCHEN	(11) COVERED BY 12" ACT.	N
M	12" VFT MULTI-COLORS	95	ASSUMED	2,570 S	MULTI-PURPOSE ROOM	(1) THIS VFT WAS A MIX OF PINK, GREEN, AND GRAY COLORS	N/A
T	TRANSITE PIPE	98	ASSUMED	6 L	KITCHEN HEATER CLOSET	(1) (4)	N
M	12" ACT	100	ASSUMED	400 S	ADMINISTRATION	(1) (4) DISTRICT MUST CERTIFY.	N
M	2' X 4' FCP'S	101	ASSUMED	800 S	PRINCIPAL'S OFFICE & ADMINISTRATIVE OFFICES	(1) (4) DISTRICT MUST CERTIFY.	N
M	12" VFT GREEN	102	ASSUMED	2,570 S	MULTI-PURPOSE ROOM	(1) (4) DISTRICT MUST CERTIFY.	N
M	12" VFT WHITE	103	ASSUMED	350 S	CORRIDOR (NORTH)	(1) (4)	N

CONDITION CODE

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**SIX MONTH SURVEILLANCE  
HOMOGENEOUS ACBM RECORDS**

Date of Inspection: 12/27/2005

District: Chico Unified School District  
School: McManus Elementary School

Inspector: Leroy Christophersen  
Building: C

Material Class	Material	Homo. Mat. #	% Asb.	Ft <sup>2</sup> /L.F.	Location	Condition: Code & Comments	Friable Yes/No
S	WALL PLASTER	2	5-10%	1,500 S	BOILER ROOM, HALLWAY, AND RESTROOMS	(1) (4)	N
S	TROWLED ON CEILING	6	1-5%	600 S	HALLWAY AND CUSTODIAN ROOM	(1) (4)	N
M	LINOLEUM	10	1-5%	245 S	ALL CLASSROOMS COUNTERTOPS	(7)	N/A
M	2' X 4' FCP'S	87	ASSUMED	6,300 S	CEILING OF ALL CLASSROOMS 4-10	(1) (4)	N
T	PIPEWRAP	90	60-70%	UNDETERMINED	IN ATTICS AND WALLS	(11) THIS MATERIAL IS INACCESSIBLE, THEREFORE FOOTAGE HAS NOT BEEN DETERMINED.	N
T	AIR CELL	96	ASSUMED	120 S	MAIN BOILER ROOM	(7)	N/A
T	AIR CELL TANK WRAP	97	ASSUMED	20 S	MAIN BOILER ROOM	(7)	N/A
T	AIR CELL	99	ASSUMED	165 L	CUSTODIAN ROOM ATTIC AND MAIN BOILER ROOM	(7) IN MAIN BOILER.	N/A
M	12" VFT	100	ASSUMED	2,100 S	ENTRANCES OF ALL CLASSROOMS AND COPY ROOM	(1) (4) STRIPS ALONG ENTRANCES OF ALL CLASSROOMS.	N

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Date of Inspection: 12/27/2005

District: Chico Unified School District

Inspector: Leroy Christophersen

School: McManus Elementary School

Building: B

Material Class	Material	Homo. Mat. #	% Asb.	Ft <sup>2</sup> /L.F.	Location	Condition: Code & Comments	Friable Yes/No
S	PLASTER	2	5-10%	1,700 S	RESTROOMS AND OFFICE ROOM	(12) EOS, INC. CLAIMS THIS MATERIAL WAS RETESTED AND FOUND TO BE NON-ASBESTOS CONTAINING. HOWEVER, NO SAMPLE NUMBER CAN BE LOCATED.	N
M	12" VFT	85	ASSUMED	3,000 S	CLASSROOMS 1 & 2	(1) (4) PARTIALLY CONCEALED BY CARPET.	N
M	2' X 4' FCP S	86	ASSUMED	3,000 S	CLASSROOMS 1 & 2	(1) (4)	N

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**SIX MONTH SURVEILLANCE  
HOMOGENEOUS ACBM RECORDS**

Date of Inspection: 12/27/2005

District: Chico Unified School District

Inspector: Leroy Christophersen

School: McManus Elementary School

Building: D

Material Class	Material	Homo. Mat. #	% Asb.	Ft <sup>2</sup> /L.F.	Location	Condition: Code & Comments	Friable Yes/No
S	WALL PLASTER	2	5-10%	2,000 S	CUSTODIAN ROOM, HALLWAY, AND RESTROOMS	(1) (4)	N
M	9" VFT	4	5-10%	7,000 S	HALLWAY AND ALL CLASSROOMS	(1) (4)	N
S	TROWLED ON CEILING	6	1-5%	500 S	HALLWAY AND CUSTODIAN ROOM	(1) (4)	N
T	PIPEWRAP FITTING	12	20-25%	11 L	CUSTODIAN ROOM	(1) (4) (12) PIPEWRAP STRAIGHT-FIBER. PIPEWRAP CORNER - ACM.	N
M	2' X 4' FCP S	55	ASSUMED	5,400 S	ALL CLASSROOMS	(1) (4)	N
M	LINOLEUM	72	1-5%	140 S	COUNTER TOPS IN ALL CLASSROOMS	(1) (4)	N

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**SIX MONTH SURVEILLANCE  
HOMOGENEOUS ACBM RECORDS**

Date of Inspection: 12/27/2005

District: Chico Unified School District

Inspector: Leroy Christophersen

School: McManus Elementary

Building: E

Material Class	Material	Homo. Mat. #	% Asb.	Ft <sup>2</sup> /L.F.	Location	Condition: Code & Comments	Friable Yes/No
M	2' X 4' FCP S	13	NONE DETECTED	1,000 S	LIBRARY	(13) SAMPLE HMS-CUSD-MCM-13 COLLECTED ON 04-12-92. LIBRARY WAS ORIGINALLY PART OF BUILDING D.	N/A
M	DRYWALL	75	NONE DETECTED	350 S	LIBRARY	(13) SAMPLE HMS-CUSD-MCM-75A COLLECTED ON 4-14-92.	N/A

CONDITION CODE

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**CONSULT ORIGINAL AND SUPPLEMENTARY INSPECTION REPORTS FOR MATERIALS WITH TRACE AMOUNTS OF ASBESTOS**

**SIX MONTH SURVEILLANCE  
HOMOGENEOUS ACBM RECORDS**

Date of Inspection: 12/27/2005

District: Chico Unified School District

Inspector: Leroy Christophersen

Building: PORTABLES 3, 3A, AND 18-28, 29-31

Material Class	Material	Homo. Mat. #	% Asb.	Ft <sup>2</sup> /L.F.	Location	Condition: Code & Comments	Friable Yes/No
						(12) THESE PORTABLES REQUIRE DISTRICT CERTIFICATION LETTERS. IF LETTERS ARE NOT AVAILABLE FOR ANY ONE OF THE PORTABLES, SAMPLES OF MATERIALS WITHIN THOSE PORTABLES WILL HAVE TO BE TAKEN TO DETERMINE ACM, IF ANY AT ALL.	
M	DRYWALL & JOINT COMPOUND		ASSUMED		CLASSROOMS 29-31	PORTABLES 29-31 WERE MOVED FROM THE FORMER FAIR VIEW (15 & 16) AND CHICO JR HIGH SCHOOL (P-1) CAMPUSES  (1)	
M	2" x 4" FCP'S		NONE DETECTED		CLASSROOMS 29-31	(13) CUSDSAMPLE Mc001 7/29/2005	
M	12" VFT GRAY		NONE DETECTED		CLASSROOMS 29-31	(13) CUSD SAMPLE Mc001 7/29/2005	

CONDITION CODE

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**CONSULT ORIGINAL AND SUPPLEMENTARY INSPECTION REPORTS FOR MATERIALS WITH TRACE AMOUNTS OF ASBESTOS**

# From The Desk Of

**Leroy A. Christophersen**

Maintenance & Operations ♦ 2455 Carmichael Drive ♦ Chico, CA 95928 ♦ (530) 891-3195 ♦ lchristo@chicousd.org

**Date:** July 28, 2005

**To:** Asbestos Binders for:  
Chico Junior High School  
Former Fair View High School (now Chico Country Day School)  
John Mc Manus Elementary School  
Shasta Elementary School

**From:** Leroy A. Christophersen, Safety & Loss Control Coordinator

**Re:** Relocated Buildings

This memo is to advise that the following changes have been made at the sites listed above.

- Room P-1 has been moved from Chico Junior High School and relocated to John McManus Elementary School.
- Room 15 & 16 have been moved from the former Fair View High School (now CCDS) and relocated to John McManus Elementary School.
- Room 12 has been moved from the Former Fair View High School (now CCDS) and relocated to Shasta Elementary School.
- Room C5 has been moved from the Former Fair View High School (now CCDS) and relocated to Shasta Elementary School.

LC/dlg



RECORD OF FRIABLE AND NONFRIABLE ACM  
(FORM B)

Inspection Date(s) April 14, 2004

THREE-YEAR REINSPECTION

SCHOOL MCMANUS ELEMENTARY					CDS CODE 04-61424-6003024
ADDRESS (NUMBER) (STREET) (CITY) (ZIP) 988 EAST AVENUE CHICO, CA 95973					SCHOOL PHONE NUMBER (530) 891-3128

**-IMPORTANT-**

Each building and functional space with friable ACBM or friable assumed ACBM listed on this form requires completion of **FORM C (PHYSICAL AND HAZARD ASSESSMENT OF FRIABLE ACBM OR FRIABLE ASSUMED ACBM)**. Indicate location of material on blueprint, diagram or narrative in square or linear feet, and attach a copy (Sec. 763.93).

LINE	BUILDING NAME & FUNCTIONAL SPACE (Indicate Address if Different From Above)	CHECK ONE			CHECK ONE			
		SUR-FACING	TSI	MISC	ACBM		ASSUMED ACBM	
					FRIABLE	NON-FRIABLE	FRIABLE	NON-FRIABLE
1.	A	X	X	X		X		X
2.	B	X	X	X		X		X
3.	C	X		X		X		X
4.	D	X	X	X		X		X
5.	E NO ACBM							
6.	PORTABLES 3, 3A, & 18-24 DISTRICT MUST CERTIFY							
7.	PORTABLES 25-28 MANUFACTURED 6/97 DMSI CONSTRUCTION DISTRICT MUST CERTIFY							
8.	<i>Portables 29 formally P1 from Chico Jr</i>							
9.	<i>Portables 30 &amp; 31 formally 15 &amp; 16 from Fairview High</i>							
10.								
11.								
12.								
13.								
14.								
15.								
16.								
17.								

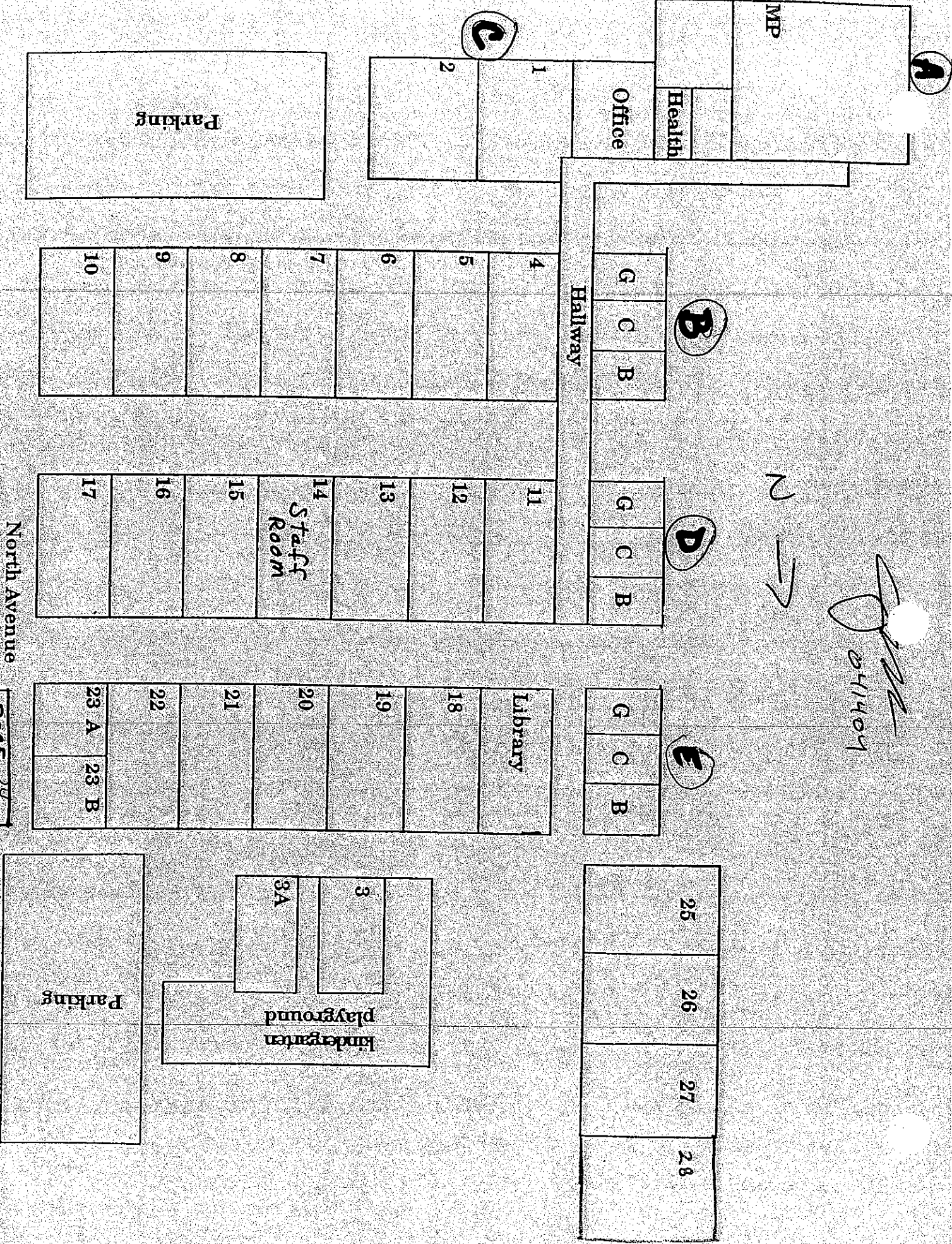
See attached "Homogeneous Materials Records" for all materials and their locations by building. On Form B all buildings are listed, and a summary of all non-friable and friable material is provided. Friable materials and their locations are listed separately under each building on Form B.

*[Handwritten signature]*  
04/14/04

N →

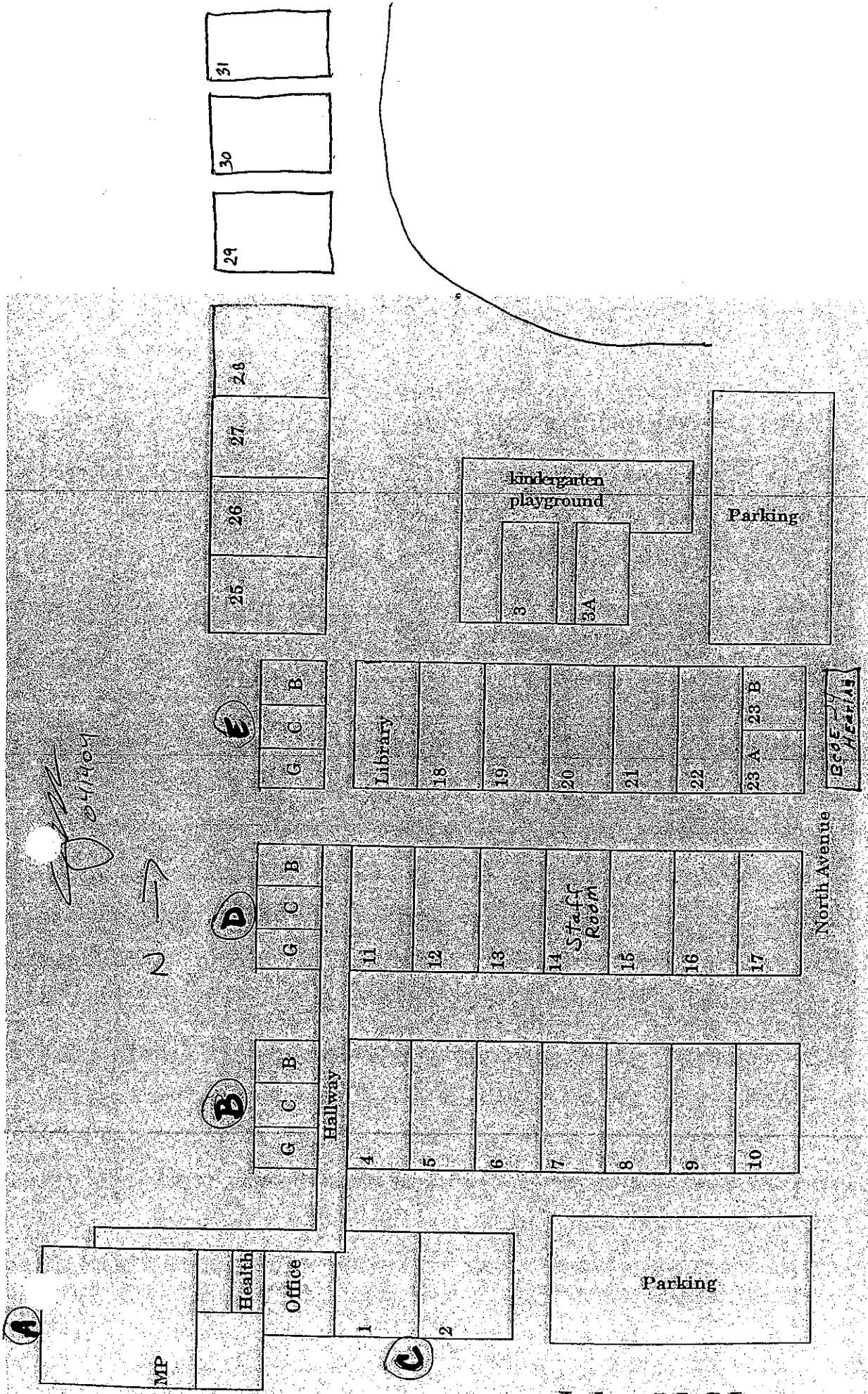
East Avenue

John McManus



North Avenue

GC0E 24  
HEALTH



John McManus



# Forensic Analytical

Final Report

## Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Chico Unified School Dist  
Leroy Christophersen

2455 Carmichael Drive  
Chico, CA 95928

Client ID: 2921  
Report Number: B075534  
Date Received: 08/01/05  
Date Analyzed: 08/03/05  
Date Printed: 08/03/05  
First Reported: 08/03/05

Job ID/Site: Mc Manus/Shasta - School Closure Relocatables - PO# 050289

FASI Job ID: 2921-88

Date(s) Collected: 07/29/2005

Total Samples Submitted: 5

Total Samples Analyzed: 5

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>Mc001</b>	10436528						
Layer: Yellow Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)		Fibrous Glass (95 %)					
<b>Mc002</b>	10436529						
Layer: Grey Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
<b>Sh01</b>	10436530						
Layer: Yellow Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)		Fibrous Glass (95 %)					
<b>Sh02</b>	10436531						
Layer: Grey Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
<b>Sh03</b>	10436532						
Layer: Yellow Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)		Fibrous Glass (95 %)					

*C - Mc Manus - 3  
Shasta - 3  
Asbestos binder*



291-88



Forensic Analytical

Analysis Request Form

Client Name & Address:

Chico Unified School District

2455 Carmichael Drive

Chico, CA 95928

Contact:

Leroy Christopher

Phone #:

530-891-3195 lchristo@chicoUSD.org

Fax#:

(530) 891-3190

Site:

Mc Manus / Shasta

Job:

School closure relocatables

Comments:

P.O. #: 050289

Date: 7/29/05

Turn Around Time: \_\_\_ hr / 12hr / 24hr / 48hr / ext: \_\_\_

Due Date: / / Due Time: : am/pm

PLM:  Standard /  Point Count  PCM: NIOSH 7400

TEM Air:  AHERA /  Yamate2 /  NIOSH 7402

TEM Bulk:  Quantitative /  Qualitative /  Chatfield

TEM Water:  Potable /  Non-Potable /  Wt %

TEM Microvac

Special Project:

Metals Analysis: Method

Matrix:

Analytes:

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	TYPE OF OIL	AVG. RPM	Total Time	
Mc 001	7/29	FCT - Portable from Fairview #15	A P C				
Mc 002	7/29	VET - Portable from Fairview #15	A P C				
Sh01	7/29	FCT - Portable from Fairview #12	A P C				
Sh02	7/29	VET - Portable from Fairview #12	A P C				
Sh03	7/29	FCT - Portable from Fairview #C.5	A P C				
			A P C				
			A P C				
			A P C				

Sampled by: Leroy Date: / / Time: :

Shipped via:  Fed Ex  Airborne  UPS  US Mail  Courier  Drop Off  Other:

Relinquished by:	Relinquished by:	Relinquished by:
Date / Time:	Date / Time:	Date / Time:
Received by: <i>Melinda</i>	Received by:	Received by:
Date / Time: 8/1/05, 10:00A	Date / Time:	Date / Time:
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

Maintenance and Operations  
2455 Carmichael Drive  
Chico, CA 95928  
Phone: (530) 891-3195  
Fax: (530) 891-3190

# Chico Unified School District

Fed Ex Airbill #8358 1795 0893

July 20, 2005

Forensic Analytical Specialties, Inc.  
3777 Depot Road, Suite 409  
Hayward, CA 94545

Re: Mc Manus & Shasta Elementary Schools

To Whom It May Concern:

Please test the enclosed samples from the portable classrooms recently relocated from the former Fair View High School for asbestos. We would like a 48-hour turnaround on the samples. Please fax the results to us as soon as they are available. Our fax number is (530) 891-3190.

<b>Site Sampled:</b>	<b>McManus Elementary School</b>
<b>Location:</b>	Portable #15 from Fair View
<b>Item Sampled:</b>	FCT
<b>Date Sampled:</b>	July 29, 2005
<b>Number of Samples:</b>	One (1) - #Mc 001

<b>Location:</b>	Portable #15 from Fair View
<b>Item Sampled:</b>	VFT
<b>Date Sampled:</b>	July 29, 2005
<b>Number of Samples:</b>	One (1) - #Mc 002

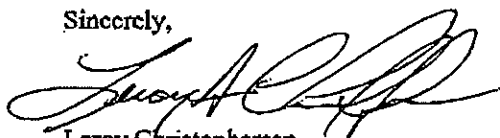
<b>Site Sampled:</b>	<b>Shasta Elementary School</b>
<b>Location:</b>	Portable #12 from Fair View
<b>Item Sampled:</b>	FCT
<b>Date Sampled:</b>	July 29, 2005
<b>Number of Samples:</b>	One (1) - #Sh01

<b>Location:</b>	Portable #12 from Fair View
<b>Item Sampled:</b>	VFT
<b>Date Sampled:</b>	July 29, 2005
<b>Number of Samples:</b>	One (1) - #Sh02

<b>Location:</b>	Portable #C5 from Fair View
<b>Item Sampled:</b>	FCT
<b>Date Sampled:</b>	July 29, 2005
<b>Number of Samples:</b>	One (1) - #Sh03

Thank you for your prompt response to this request.

Sincerely,



Leroy Christophersen  
Safety & Loss Coordinator

LC:dlg  
Enclosures



# Forensic Analytical

Client Name: Chico Unified School Dist

Report Number: B075534

Date Printed: 08/03/05

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) requested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by Forensic Analytical. The client is responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



Forensic Analytical

# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Chico Unified School Dist  
Leroy Christopher

2455 Carmichael Drive  
Chico, CA 95928

Client ID: 2921  
Report Number: B069018  
Date Received: 01/24/05  
Date Analyzed: 01/26/05  
Date Printed: 01/26/05  
First Reported: 01/26/05

Job ID/Site: McManus Elementary - Building C Roof

FAEI Job ID: 2921-77

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>MCRS1</b>	10387859						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				

Total Composite Values of Fibrous Components: Asbestos (ND)  
 Cellulose (55 %) Fibrous Glass (10 %)  
 Comment: Bulk complex sample. Collected on 01/21/2005

<b>MCRS2</b>	10387860						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Felt			ND				

Total Composite Values of Fibrous Components: Asbestos (ND)  
 Cellulose (55 %) Fibrous Glass (10 %)  
 Comment: Bulk complex sample. Collected on 01/21/2005

<b>MCRS3</b>	10387861						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Felt			ND				

Total Composite Values of Fibrous Components: Asbestos (ND)  
 Cellulose (55 %) Fibrous Glass (10 %)  
 Comment: Bulk complex sample. Collected on 01/21/2005



Forensic Analytical

# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Chico Unified School Dist  
Leroy Christopher

2455 Carmichael Drive  
Chico, CA 95928

Client ID: 2921  
Report Number: B069018  
Date Received: 01/24/05  
Date Analyzed: 01/26/05  
Date Printed: 01/26/05  
First Reported: 01/26/05

Job ID/Site: McManus Elementary - Building C Roof

FASI Job ID: 2921-77

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>MCRS4</b>	10387862						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Felt			ND				

Total Composite Values of Fibrous Components: Asbestos (ND)  
 Cellulose (55 %) Fibrous Glass (10 %)  
 Comment: Bulk complex sample. Collected on 01/21/2005

<b>MCRS5</b>	10387863						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				

Total Composite Values of Fibrous Components: Asbestos (ND)  
 Cellulose (55 %) Fibrous Glass (10 %)  
 Comment: Collected on 01/21/2005

<b>MCRS6</b>	10387864						
Layer: Black Tar			ND				
Layer: Black Felt			ND				

Total Composite Values of Fibrous Components: Asbestos (ND)  
 Cellulose (40 %) Fibrous Glass (35 %)  
 Comment: Collected on 01/21/2005



# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Chico Unified School Dist  
Leroy Christopher

2455 Carmichael Drive  
Chico, CA 95928

Client ID: 2921  
Report Number: B069018  
Date Received: 01/24/05  
Date Analyzed: 01/26/05  
Date Printed: 01/26/05  
First Reported: 01/26/05

Job ID/Site: McManus Elementary - Building C Roof

FAEI Job ID: 2921-77

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
MCRS7	10387865						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				

Total Composite Values of Fibrous Components: Asbestos (ND)  
 Cellulose (55 %) Fibrous Glass (10 %)  
 Comment: Bulk complex sample. Collected on 01/21/2005

MCRS8	10387866						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Felt			ND				

Total Composite Values of Fibrous Components: Asbestos (ND)  
 Cellulose (55 %) Fibrous Glass (10 %)  
 Comment: Bulk complex sample. Collected on 01/21/2005

MCRS9	10387867						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Felt			ND				

Total Composite Values of Fibrous Components: Asbestos (ND)  
 Cellulose (55 %) Fibrous Glass (10 %)  
 Comment: Bulk complex sample. Collected on 01/21/2005



# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Chico Unified School Dist  
Leroy Christopher

2455 Carmichael Drive  
Chico, CA 95928

Client ID: 2921  
Report Number: B069018  
Date Received: 01/24/05  
Date Analyzed: 01/26/05  
Date Printed: 01/26/05  
First Reported: 01/26/05

Job ID/Site: McManus Elementary - Building C Roof

FAST Job ID: 2921-77

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

2921-77

Maintenance and Operations  
2455 Carmichael Drive  
Chico, CA 95928  
Phone: (530) 891-3195  
Fax: (530) 891-3190

# Chico Unified School District

Fed Ex Airbill #8358 1795 0713

January 21, 2005

Forensic Analytical Specialties, Inc.  
3777 Depot Road, Suite 409  
Hayward, CA 94545

Re: McManus Elementary School, Bldgs. A & C Roofs

To Whom It May Concern:

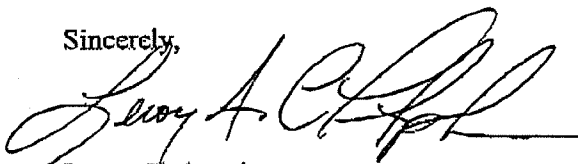
Please test the enclosed samples from the McManus Elementary School, Building A & C roofs, for asbestos. We would like a 48-hour turnaround on the samples. Please fax the results to us as soon as they are available. Our fax number is (530) 891-3190.

Site Sampled: McManus Elementary  
Location: Building C Roof  
Date Sampled: January 21, 2005  
Number of Samples: Four (4) - Bldg C/10 #MCRS1  
- Bldg C/7 #MCRS2  
- Bldg C/Girls #MCRS3  
- Bldg C/Boys #MCRS4

Site Sampled: McManus Elementary  
Location: Building A Roof  
Date Sampled: January 21, 2005  
Number of Samples: Five (5) - Bldg A/1 #MCRS5  
- Bldg A/1 #MCRS6  
- Bldg A/2 #MCRS7  
- Bldg A/2 #MCRS8  
- Bldg A/1 #MCRS9

Thank you for your prompt response to this request.

Sincerely,



Leroy Christophersen  
Safety & Loss Coordinator

LC:dlg  
Enclosures





<b>Client Name &amp; Address:</b> Chico Unified School District 2455 Carmichael Drive Chico, CA 95928		P.O. #: 050289 Date: 1/21/05
Contact: Leroy Christophersen Phone #: 530-891-3195 Fax#: (530) 891-3190		Turn Around Time: ___ hr / 12hr / 24hr (48hr) ext: ___ Due Date: / / Due Time: ___ am/pm <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count <input type="checkbox"/> PCM: NIOSH 7400
Site: Mc Manus Job: Roof		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamale2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac <input type="checkbox"/> Special Project: <input type="checkbox"/> Metals Analysis: Method _____ Matrix: _____ Analytes: _____

Comments:

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
MCRS1	1/21/05	Building C/10	A P C				
MCRS2	1/21/05	Building C/7	A P C				
MCRS3	1/21/05	Building C/Girls	A P C				
MCRS4	1/21/05	Building C/Boy	A P C				
MCRS5	1/21/05	Building A/1	A P C				
MCRS6	1/21/05	Building A/1	A P C				
MCRS7	1/21/05	Building A/2	A P C				
MCRS8	1/21/05	Building A/2	A P C				
MCRS9	1/21/05	Building A/1	A P C				

Sampled by: Leroy Christophersen Date: 1/21/05 Time: 9:30 AM

Shipped via:  Fed Ex  Airborne  UPS  US Mail  Courier  Drop Off  Other:

Relinquished by: Date / Time:	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by: Melina Cerna Date / Time: 1/24/05 11:57 Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

Reconstructed 1993  
Units A, B, C

ASP  
28  
7/98

L  
28 - 7/98

27 6/97

26

25

K

J  
BGRR  
3  
87  
relo  
M  
3A  
6/97

2/87  
E  
B  
NR  
G  
R/R  
LIB  
F

18 2/87  
19 2/87  
20 2/87  
21 89  
22 88  
23 88  
RSP  
I

BC  
hard  
hard  
24  
up

BRR	WE	11	12	13	14	15	16	17
CUST	M							
GRR								

BRR		4	5	6	7	8	9	10
UTILITY								K
GRR								

MCRS 3

MCRS 2

MCRS 1

KIT

MPR

A

OFFICES

1

2

BAR

MCRS 8

MCRS 7

MCRS 6

MCRS 9

SSTW

JOHN MC MANUS ELEMENTARY