



Forensic Analytical
Analytical Report

San Francisco • 3777 Depot Road, Suite 409, Hayward, CA 94545 • Phone 510/887-8828 • Fax 510/887-4218
Los Angeles • 2959 Pacific Commerce Drive, Rancho Dominguez, CA 90221 • Phone 310/763-2374 • Fax 310-763-8661

Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
Chico Unified School District
Mr. Ron Jones
2455 Carmichael Drive
Chico, CA 95928

Client ID: 2921
Report Number: 257028
Date Received: 07/31/96

P.O. Num: 97-404
Job ID:
Site: McManus - D Wing

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
McMan-D-005C Off-white cementitious material with paint.	19652726	Non-Det. %	Trace %	Cellulose (Trace %)
McMan-D-006W Off-white cementitious material.	19652727	Non-Det. %	Trace %	Cellulose (Trace %)
McMan-D-007W Off-white cementitious material.	19652728	Non-Det. %	Trace %	Cellulose (Trace %)
McMan-D-008W Off-white cementitious material.	19652729	Non-Det. %	Trace %	Cellulose (Trace %)

David Kahane

David Kahane, C.I.H., Laboratory Director, Hayward Laboratory

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Forensic Analytical

BULK SAMPLE REQUEST FORM

CLIENT NAME & ADDRESS: 2921 Chico Unified School District 2455 Carmichael Drive Chico, CA 95928		PHONE: 916-891-3194 FAX: 916-891-3190	DATE: 7-30-96
		Circle the Method and Turn Around Time <u>2</u> hr/12hr/24hr/48hr/Ext	Results Needed: 7-31-96 3:00pm by FAX
		PLM: <u>Standard</u> / Point Count	Gravimetry Prep
CONTACT: Ron Jones		TEM: QUAL. / QUANT. / WATER	
P.O.# 97-404	JOB #	AA/Flame AA/Furnace ICP	
SITE: McManus D Wing		METALS:	

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
McMan-D-005C	7-30-96	Staff Workroom/Rest room.Ceiling Plaster (D Wing)
McMan-D-006W	7-30-96	Staff Workroom Wall Plaster (d Wing)
McMan-D-007W	7-30-96	Hall Wall Plaster (D Wing)
McMan-D-008W	7-30-96	Custodial Room Wall Plaster (D Wing)
		Please analyse above samples by layer, and report accordingly.

Sampled by: Ron Jones <i>RJ</i>	Date: 7-30-96 Time: 11:00am
Relinquished by: Ron Jones	Received By: <i>[Signature]</i>
Date/Time: 7-30-96 4:00pm	Date/Time: 7/31/96
	Sealed Condition (circle one) YES / NO
Relinquished by:	Received By:
Date/Time:	Date/Time:
	Sealed Condition (circle one) YES / NO



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Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
Chico Unified School District
Mr. Ron Jones
2455 Carmichael Drive
Chico, CA 95928

Client ID: 2921
Report Number: 253710
Date Received: 05/10/96

P.O. Num: 96-4623
Job ID:
Site: McManus - D Wing

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
McMan-D-001C Brown fibrous tile with paint.	19634059	Non-Det. %	70-75%	Cellulose (70-75%)
McMan-D-002C Brown fibrous tile with paint.	19634060	Non-Det. %	70-75%	Cellulose (70-75%)
McMan-D-003C Brown fibrous tile with paint.	19634061	Non-Det. %	70-75%	Cellulose (70-75%)
McMan-D-004C Off-white nonfibrous material.	19634062	Non-Det. %	Trace %	Cellulose (Trace %)

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BULK SAMPLE REQUEST FORM

CLIENT NAME & ADDRESS: 2921 Chico Unified School District 2455 Carmichael Drive Chico, CA 95928		PHONE: 916-891-3194 FAX: 916-891-3190	DATE: 5-9-96
		Circle the Method and Turn Around Time ___hr/12hr/24hr/48hr/Ext	Results Needed: Mon.-NOON 5-13-96 FA
		PLM: <u>Standard</u> / Point Count	Gravimetry Prep
		CONTACT: Ron Jones	
P.O.# 96-4623	JOB #	AA/Flame AA/Furnace ICP	METALS:
SITE: McManus - D-Wing			

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
McMan-D-001c	5-8-96	Room 11 ACT
McMan-D-002c	"	Room 13 ACT
McMan-D-003c	"	Room 14 ACT
McMan-D-004c	"	Custodial Room ceiling plaster

Sampled by: Ron Jones	Date: 5-8-96 Time: 12:00 NOON
Relinquished by: R Jones	Received By: <i>[Signature]</i>
Date/Time: 5-8-96	Date/Time: 5/10/96 Sealed Condition (circle one) YES / NO
Relinquished by:	Received By:
Date/Time:	Date/Time: Sealed Condition (circle one) YES / NO

SIX-MONTH SURVEILLANCE

DISTRICT Chico Unified School District DATE July 5, 1996

SCHOOL McManus Elementary INSPECTOR Rob Peters R.P.

BLDG.	HOMOG.	ASBESTOS MATERIAL	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

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 July 5, 1996

SCHOOL McManus Elementary INSPECTOR Rob Peters *R.P.*

BLDG.	HOMOG.	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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DISTRICT Chico Unified School District DATE July 5, 1996

SCHOOL McManus Elementary INSPECTOR Rob Peters *R.P.*

BLDG.	HOMOG.	ASBESTOS MATERIAL	LOCATION	CONDITION: CODE & COMMENTS
D	PW	20-25	Custodial room	1-4 PW Str-fiber., PW Cnr-ACM
	Port	Drywall	Behind tagboard	1-4

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SIX-MONTH SURVEILLANCE

DISTRICT Chico Unified School District DATE January 6, 1996

SCHOOL McManus Elementary INSPECTOR Ron Jones *RJ*

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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

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

BLDG.	HOMOG.	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
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DISTRICT Chico Unified School District DATE January 6, 1996

SCHOOL McManus Elementary INSPECTOR Ron Jones



HOMOG. ASBESTOS MATERIAL LOCATION CONDITION: CODE & COMMENTS
 BLDG. MAT.#

D	PW	20-25	Custodial room	1-4 PW Str-fiber., PW Cnr-ACM
	Port	Assumed	Behind tagboard	1-4

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DISTRICT Chico Unified School District DATE July 5, 1996

SCHOOL McMannus Elementary INSPECTOR Rob Peters

HOMOG. ASBESTOS MATERIAL LOCATION CONDITION: CODE & COMMENTS

BLDG.	PW	MAT.#	20-25	LOCATION	CONDITION: CODE & COMMENTS
D	Drywall	Assumed		Custodial room	1-4 PW Str-fiber., PW Cnr-ACM
				Behind tagboard	1-4

CONDITION CODES

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Chico Unified School District
1163 East Seventh Street
Chico, CA 95928-5999
(916) 891-3210

SHORT-TERM WORKER NOTIFICATION UNDER AHERA

40 CFR PART 763.84(d) Requires that the local education agency shall ensure that shortterm workers (e.g. telephone repair workers, utility workers, or exterminators) who may come in contact with asbestos in a school are provided information regarding the locations of ACBM and suspected ACBM assumed to be ACM.

SECTION I (to be completed by contractor)

Date: 9/11/96

Contractor organization: Stan Carman, CUSD

Address: 1163 East Seventh St.

Chico CA 95928

Description of work to be performed: One hole (3/8") to be drilled between
Library work room and library (Bldg E.) McMavos

Location(s) of work: wall between the two rooms.

SECTION II (to be completed by school district)

Type, amount and location of ACBM in work area: Asbestos management plan indicates
No ACBM or ASSUMED ACBM. SEE SECTION I of AMP.

It is the explicit condition of the performance of this work that no asbestos be disturbed.

Robert Peters Date:
LEA Designee (school district)

Stan A. Carman Date: 9/11/96
Worker/Contractor Signature)