



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 8663

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: 253619
Date Received: 05/08/96

P.O. Num: 96-4623
Job ID:
Site: Sierra View - Wing's D, E, F, G & H

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
D-001 Black multilayered fibrous roofing material. Bulk complex sample.	19633622	Non-Det.%	10-15%	Cellulose (Trace%) Fibrous Glass (10-15%)
D-002 Black multilayered fibrous roofing material. Bulk complex sample.	19633623	Non-Det.%	20-25%	Cellulose (5-10%) Fibrous Glass (10-15%)
D-003 Black multilayered fibrous roofing material.	19633624	Non-Det.%	15-20%	Cellulose (15-20%)
D-004 Black multilayered fibrous roofing material. Bulk complex sample.	19633625	Non-Det.%	15-20%	Cellulose (15-20%)
D-005 Black multilayered fibrous roofing material. Bulk complex sample.	19633626	Non-Det.%	15-20%	Fibrous Glass (15-20%)
D-006 Black multilayered fibrous roofing material. Bulk complex sample.	19633627	Non-Det.%	15-20%	Fibrous Glass (15-20%)
D-007 Black multilayered fibrous roofing material. Bulk complex sample.	19633628	Non-Det.%	15-20%	Cellulose (15-20%)
H-008 Black multilayered fibrous roofing material.	19633629	Non-Det.%	20-25%	Cellulose (15-20%) Fibrous Glass (1-5%)
H-009 Black multilayered fibrous roofing material.	19633630	Non-Det.%	25-30%	Cellulose (15-20%) Fibrous Glass (5-10%)

David Kahane

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

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P.O. Num: 96-4623
Job ID:
Site: Sierra View - Wing's D, E, F, G & H

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
H-010 Black multilayered fibrous roofing material.	19633631	Non-Det. %	25-30%	Cellulose (15-20%) Fibrous Glass (5-10%)
H-011 Black multilayered fibrous roofing material.	19633632	Non-Det. %	25-30%	Cellulose (10-15%) Fibrous Glass (10-15%)
H-012 Black multilayered fibrous roofing material.	19633633	Non-Det. %	20-25%	Cellulose (15-20%) Fibrous Glass (1-5%)
G-013 Black multilayered fibrous roofing material. Bulk complex sample.	19633634	Non-Det. %	15-20%	Cellulose (15-20%)
G-014 Black multilayered fibrous roofing material. Bulk complex sample.	19633635	Non-Det. %	15-20%	Cellulose (15-20%)
E-015 Black multilayered fibrous roofing material. Bulk complex sample.	19633636	Non-Det. %	15-20%	Cellulose (15-20%)
E-016 Black multilayered fibrous roofing material. Bulk complex sample.	19633637	Non-Det. %	15-20%	Cellulose (15-20%)
E-017 Black multilayered fibrous roofing material. Bulk complex sample.	19633638	Non-Det. %	15-20%	Cellulose (15-20%)
F-018 Black multilayered fibrous roofing material. Bulk complex sample.	19633639	Non-Det. %	15-20%	Cellulose (15-20%)

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

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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: 253619
Date Received: 05/08/96

P.O. Num: 96-4623
Job ID:
Site: Sierra View - Wing's D, E, F, G & H

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
F-019 Black multilayered fibrous roofing material. Bulk complex sample.	19633640	Non-Det. %	15-20%	Cellulose (15-20%)

David Kahane

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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: 5-7-96
	Circle the Method and Turn Around Time _____ hr/12hr/24hr/48hr/Ext	Results Needed: Friday NOON 5-10-96 by FAX
	PLM: (Standard) Point Count	Gravimetry Prep
	CONTACT: Ron Jones	
P.O.# 96-4623	JOB #	TEM: QUAL. / QUANT. / WATER AA/Flame AA/Furnace ICP
SITE: Sierra View D-Wing		METALS:

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
D-001	5-2-96	Roof over Kitchen - West End
D-002	"	Roof over Kitchen - East End
D-003	"	Roof over M/P ROOM - East Side
D-004	"	Roof over M/P ROOM - West Side
D-005	"	Roof over offices - East Side
D-006	"	Roof over offices - West Side
D-007	"	Roof over M/P ROOM - South End
		Please analyse all samples by layer

Sampled by: Ron Jones	Date: 5-2-96 Time: 10:00AM
Relinquished by: Ron Jones	Received By: UPS
Date/Time: 5-7-96 10:30AM	Date/Time: Sealed Condition (circle one) YES / NO
Relinquished by:	Received By: [Signature]
Date/Time:	Date/Time: 5/8/96 Sealed Condition (circle one) YES / NO



BULK SAMPLE REQUEST FORM

CLIENT NAME & ADDRESS:

2921 Chico Unified School District
2455 Carmichael Drive
Chico, CA 95928

PHONE: 916-891-3194
FAX 716-891-3190

DATE: 5-7-96

Circle the Method and Turn Around Time

Results Needed: Friday NOON
5-10-96 by FAX

hr/12hr/24hr/48hr/Ext

PLM: Standard Point Count

Gravimetry Prep

CONTACT: Ron Jones

TEM: QUAL. / QUANT. / WATER

P.O.# 96-4623

JOB #

AA/Flame AA/Furnace ICP

SITE: Sierra View H. Wing

METALS:

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
H-008	5-2-96	Roof over center of library
H-009	"	Roof over library S.W. CORNER
H-010	"	Roof over library N.W. CORNER
H-011	"	Roof over library N.E. CORNER
H-012	"	Roof over library S.E. corner
		Please analyse all samples by layer

Sampled by: Ron Jones

Date: 5-2-96 Time: 10:30 AM

Relinquished by: Ron Jones

Received By: UPS

Date/Time: 5-7-96 10:30 AM

Date/Time: Sealed Condition (circle one) YES / NO

Relinquished by:

Received By: [Signature]

Date/Time:

Date/Time: 5/8/96 Sealed Condition (circle one) YES / NO



BULK SAMPLE REQUEST FORM

CLIENT NAME & ADDRESS: 2921 Chico Unified School District 2455 Carmichael Drive Chico, CA 95928	PHONE: 916-891-3194 916-891-3190	DATE: 5-7-96
	Circle the Method and Turn Around Time ___hr/12hr/24hr/48hr/Ext	Results Needed: Friday noon 5-10-96 by FAX
	PLM: <u>Standard</u> / Point Count	Gravimetry Prep
	CONTACT: Ron Jones	
P.O.# 96-4623	JOB #	TEM: QUAL. / QUANT. / WATER AA/Flame AA/Furnace ICP
SITE: Sierra View E, F & G Wings		METALS:

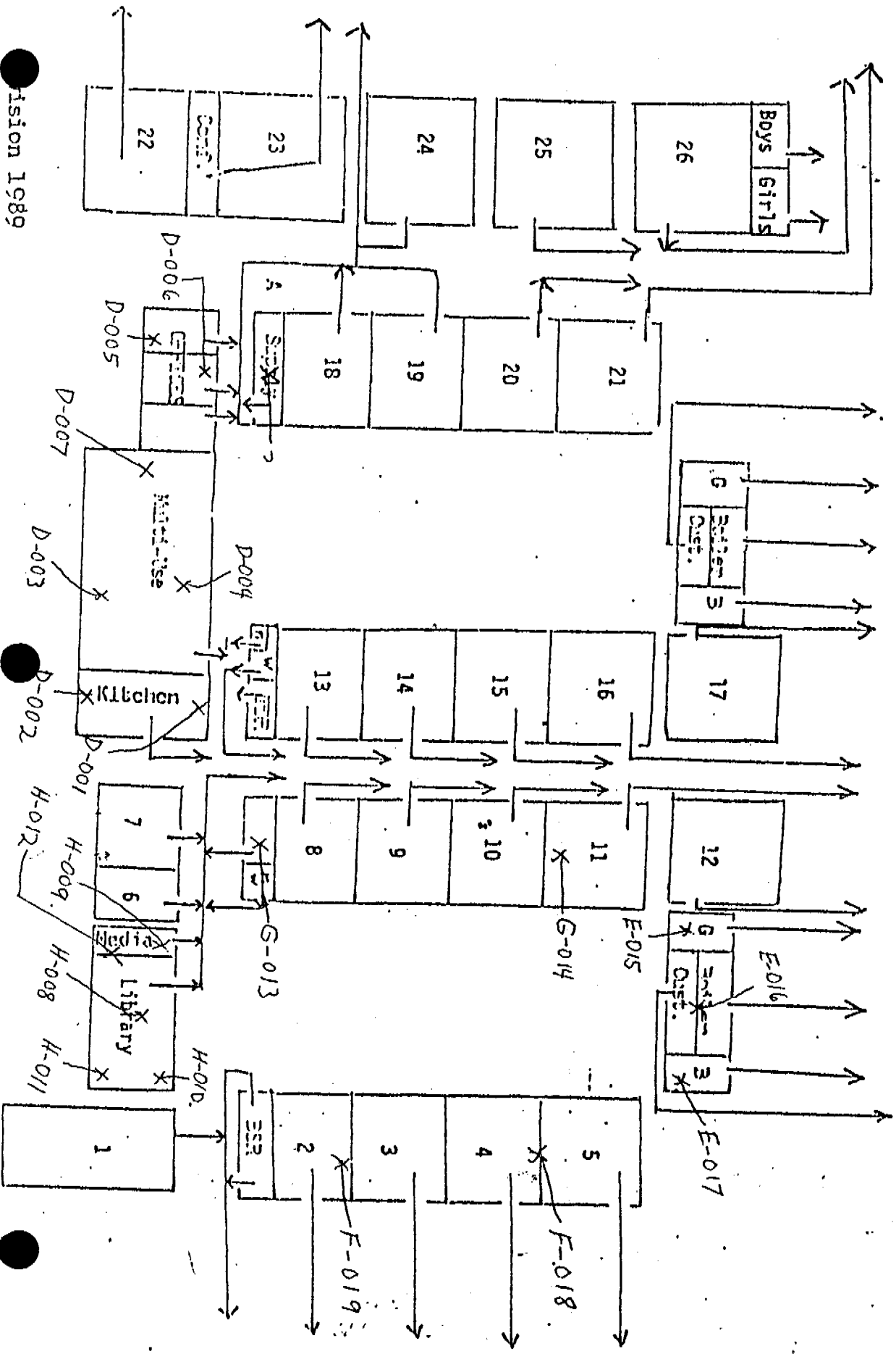
SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
W-013 G-013	5-2-96	Roof over G Wing - East End
G-014	"	Roof over G Wing - West End
E-015	"	Roof over E-Wing Girls R.R
E-016	"	Roof over E Wing Center
E-017	"	Roof over E Wing Boys R.R
F-018	"	Roof over F Wing West End Ridge
F-019	"	Roof over F Wing East End
		Please analyse all samples by layer

Sampled by:	Date: 5-2-96	Time: 11:00 AM
Relinquished by: Ron Jones	Received By: LPS	
Date/Time: 5-7-96 10:30 AM	Date/Time:	Sealed Condition (circle one) YES / NO
Relinquished by:	Received By: S/c	
Date/Time:	Date/Time:	Sealed Condition (circle one) YES / NO

SIERRA VIEW SCHOOL
EMERGENCY EVACUATION ROUTE FLOW CHART

REGULAR ROUTE
FOR FIRE DEPT.

1. Before leaving classroom.
2. Make certain all persons have left room—you leave last.
3. Give list of pupils (pianobook) with you in order to call roll. Stand by until all clear signal (bells).
- 4.





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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: 253709
Date Received: 05/10/96

P.O. Num: 96-4623
Job ID:
Site: Sierra View - Wings F&G

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
S.View-F-001C Off-white semifibrous material.	19634055	1-5%	Non-Det. %	Chrysotile (1-5%)
S.View-F-002C Brown fibrous tile with paint.	19634056	Non-Det. %	70-75%	Cellulose (70-75%)
S.View-F-003C Brown fibrous tile with paint.	19634057	Non-Det. %	70-75%	Cellulose (70-75%)
S.View-G-004C Brown fibrous tile with paint.	19634058	Non-Det. %	70-75%	Cellulose (70-75%)

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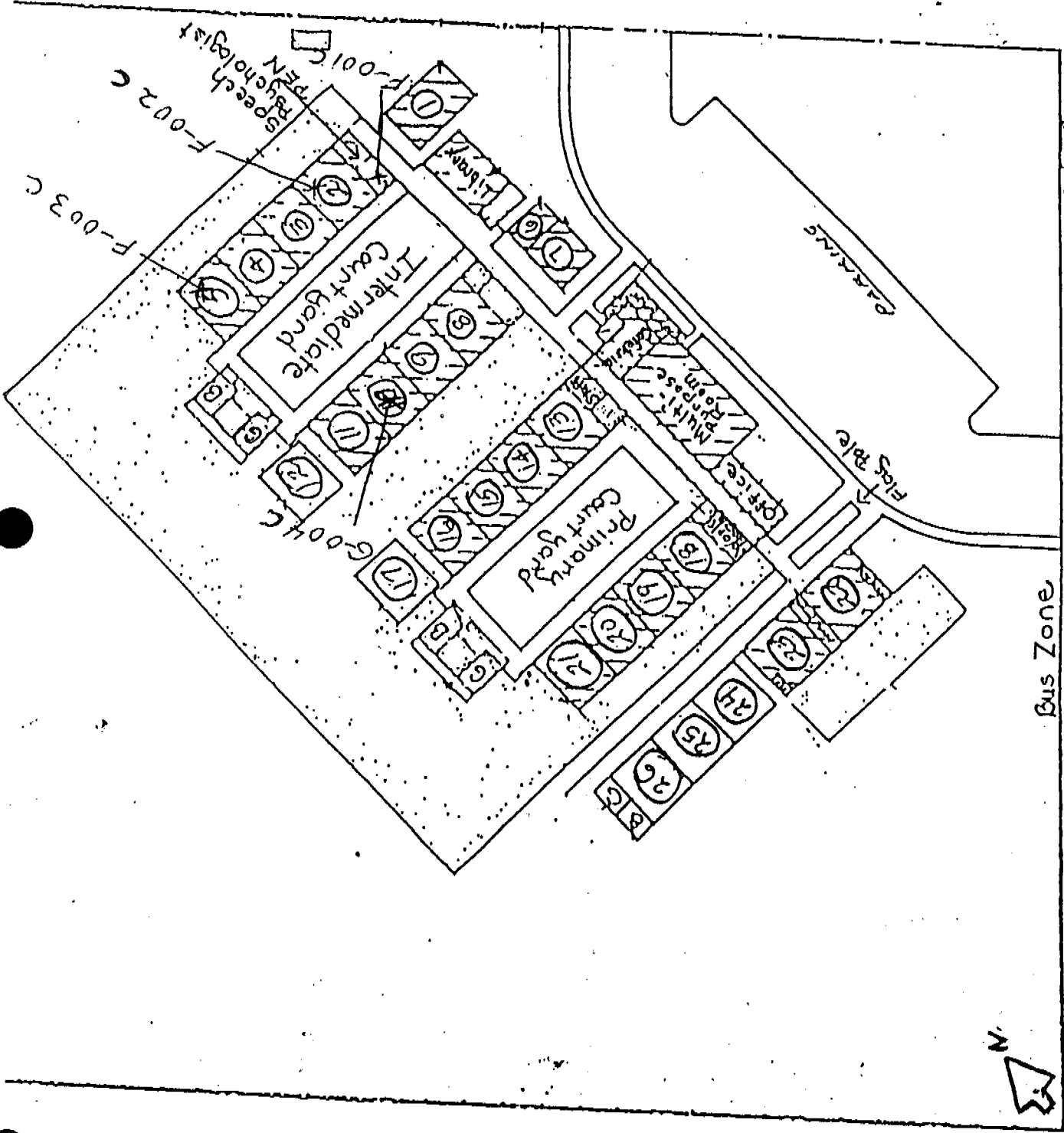
BULK SAMPLE REQUEST FORM

CLIENT NAME & ADDRESS: 2921 Chico Unified School District 2455 Carmichael Drive Chico, CA 95928		PHONE: 916-891-3194 FAX: 916-891-3190	DATE: 5-8-96
		Circle the Method and Turn Around Time ____ hr/12hr/24hr/48hr/Ext	Results Needed:
		PLM: <u>Standard</u> / Point Count	Gravimetry Prep
CONTACT: Ron Jones		TEM: QUAL. / QUANT. / WATER	
P.O.# 96-4623	JOB #	AA/Flame AA/Furnace ICP	
SITE: Sierra View Wings #11F&G		METALS:	

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
S.View-F-001C	5-8-96	Speech/Psychologist's Room TOC
S.View-F-002C	"	Room 2 ACT
S.View-F-003C	"	Room 5 ACT
S.View-F-004C	"	Room 10 ACT

Sampled by: Ron Jones	Date: 5-8-96 Time: 2:00PM
Relinquished by: R Jones	Received By: [Signature]
Date/Time: 5-8-96	Date/Time: 5/10/96
	Sealed Condition (circle one) YES / NO
Inquished by:	Received By:
Date/Time:	Date/Time:
	Sealed Condition (circle one) YES / NO

MAORONE AVE



Hooker Oak Ave.

Bus Zone

Ceilings

WELCOME TO SIERRA VIEW SCHOOL



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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: 257030
Date Received: 07/31/96

P.O. Num: 97-404
Job ID:
Site: Sierra View

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
S.View-E-005C Off-white plaster.	19652733	Non-Det.%	Trace%	Cellulose (Trace%)
S.View-E-006W Off-white plaster.	19652734	Non-Det.%	Trace%	Cellulose (Trace%)
S.View-E-007C Off-white plaster.	19652735	Non-Det.%	Trace%	Cellulose (Trace%)
S.View-E-008C Off-white sheetrock.	19652736	Non-Det.%	15-20%	Cellulose (10-15%) Fibrous Glass (1-5%)
S.View-E-009C Brown fibrous material.	19652737	Non-Det.%	95-99%	Cellulose (95-99%)

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BULK SAMPLE REQUEST FORM

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

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
S.View-E-005C	7-30-96	Costodial Room Ceiling Plaster (E Wing)
S.View-E-006W	7-30-96	Boiler Room Wall Plaster (E Wing)
S.View-E-007C	7-30-96	Boiler Room Ceiling Plaster (E Wing)
S.View-E-008C	7_30-96	Girl's Toilet Ceiling Plaster (E Wing)
S.View-G-009C	7-30-96	Room 8 Ceiling Tile and underlaying material
		Please analyse above samples by layer, and report accordingly.

Sampled by: Ron Jones <i>RJ</i>	Date: 7-30-96	Time: 12:30pm
Relinquished by: Ron Jones	Received By: <i>[Signature]</i>	Date/Time: 7/31/96
Date/Time: 7-30-96 4:00pm	Sealed Condition (circle one) YES / NO	
Relinquished by:	Received By:	
Date/Time:	Date/Time:	
	Sealed Condition (circle one) YES / NO	

UNIT

- (A) Boy's Restroom
- (1) Water damage 9' x 12'
 - (2) 4 holes (1) 3" across
 - (2) 4" across
 - (3) 4" across
 - (4) 3" across
- (A) Girl's Restroom
- (1) Water damage - 20% of area
 - (2) 2 holes (1) 7" x 4"
 - (2) 1" across
- (D) Nurse's office
- (1) A number of small cracks - various lengths
- (D) Hallway
- (1) 20% of hallway water damaged
 - (2) 2 holes (1) 3" across
 - (2) 2" across
- (A) Boiler room
- (1) Water damage 30% of area
 - (2) Hole 5" across where it's dropped
 - (3) 4 cracks - various lengths
 - (4) Small amount of debris on floor & top of boilers