FOR YOUR INFORMATION — DRP

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

SUMM +

JUN 21 1988

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

9234

D. L. Dyer
Dyer Laboratories, Inc.
2531 West 237th St. #121
Torrance, CA 90505

SUBJECT: EPA Interim Laboratory Accreditation for Laboratories Which Offer Analysis of Bulk Samples for Asbestos

Dear Laboratory Director:

The U.S. Environmental Protection Agency (EPA) has completed its review of the results of the second round of analyses in the EPA "Interim Asbestos Bulk Sample Analysis Quality Assurance Program." I am pleased to inform you that your laboratory has successfully classified each of four bulk samples submitted to your facility as either asbestos-containing or nonasbestos-containing. Since each sample was correctly classified, a status of "accredited" has been assigned to your laboratory. As you are aware, each laboratory is also given a numerical score which does not affect your accredited status. The numerical score reflects your laboratory's performance in determining the quantity and type of asbestos in the asbestos-containing samples. Your laboratory's score is 100 %.

As announced in the FEDERAL REGISTER of March 29, 1988 (see enclosed copy), the second round of the EPA Interim Program is the last planned round of EPA accreditation. Laboratories which are accredited in the second round of this program will be considered accredited until January 12, 1989. The National Bureau of Standards (NBS) will begin formal operation of the National Voluntary Laboratory Accreditation Program (NVLAP) for laboratories which conduct analyses of bulk samples for asbestos by polarized light microscopy (PLM) in October 1988. Applications for participation in this program are currently being accepted. You may contact Dr. Larry Gallowin of NBS at (301)975-4022 for enrollment information. An exception to the EPA deadline of January 12, 1989 has been made for laboratories which are accredited in the second EPA round and have enrolled in the NBS program by September 30, 1988. These laboratories will be considered accredited by EPA until NBS has completed its first

evaluation of an individual laboratory's performance. The enclosed copy of the FEDERAL REGISTER notice details the period of transition from EPA accreditation to NBS accreditation. Please note that a laboratory currently accredited by EPA must enter the NBS program and receive accreditation from NBS to continue analysis of bulk samples from school buildings.

Should you have any questions regarding the current EPA round of accreditation, you may contact Bruce Harvey of Research Triangle Institute at (919)541-6369. Thank you for your participation in the program.

Sincerely,

Martin P. Halper, Director
Exposure Evaluation Division (TS-798)

Enclosure

ASBESTOS BULK SAMPLE ANALYSIS INTERIM ACCREDITATION PROGRAM
RESULTS OF ROUND18
JUNE 20, 1988

D. L. Dyer
Dyer Laboratories, Inc.
2531 West 237th St. #121
Torrance, CA 90505

(213) 530-3322

LABORATORY
I.D. NUMBER
9234

QUALITATIVE PERFORMANCE RATING:
FALSE NEGATIVES: 0
FALSE POSITIVES: 0
IDENTIFICATION RATING: 4/4
QUANTITATIVE RATING: 4/4
RAW SCORE: 400

LABORATORY IS ACCREDITED

SAMPLE I.D. NUMBER	A) 0519	B) 9629	C) 9135	D) 6747
TS FROM				
ATORY NUMBER 9234				
ESTOS (%)	48.1 CHRY	19.3 AMOS	59.9 CHRY	38.6 CHRY
ER FIBROUS MATERIAL (%)	43.7 CELL	74.6 FBGL 1.6 CELL	38.4 CELL	0.5 CELL 0.5 FBGL
FIBROUS MATERIAL (%)	8.2 NF	4.6 NF	1.7 NF	61.3 NF
TS FROM				
ENCE LABORATORIES				
ESTOS (%)	45.3 CHRY 0.0 NONE	35.3 AMOS 0.1 CROC	67.0 CHRY 0.0 NONE	46.8 CHRY 0.0 NONE
AL ASBESTOS (%)	45.3	35.4	67.0	46.8
'NAMT ASBESTOS TYPE	CHRY	AMOS	CHRY	CHRY
J DEVIATION	15.59	10.62	15.32	17.02
EPTANCE RANGE	16.3-100	7.3-63.4	26.6-100	1.8-91.7
ER FIBROUS MATERIAL	CELL	FBGL	SYNT	CELL
FIBROUS MATERIAL	FBGL BIND	CELL NONE	CELL BIND	FBGL CACO
RY OF QUANTITATIVE RESULTS				
CENT ASBESTOS-PERCENTILES				
50% - MEDIAN (N=1E3)	40.0	30.0	74.0	45.0
00% - MAXIMUM	100.0	99.0	100.0	95.0
95%	75.0	60.0	98.8	80.0
75%	50.0	40.0	88.0	60.0
25%	30.0	20.0	58.8	30.9
5%	15.0	7.5	40.0	13.9
0% - MINIMUM	0.0	0.0	0.0	0.0
CENT OTHER FIBROUS MATERIAL				
M - MEDIAN (N)	40.0(970)	60.0(974)	27.0(896)	5.0(342)
CENT NONFIBROUS MATERIAL				
- MEDIAN (N)	16.5(804)		5.0(294)	50.0(940)

TOS ABBREVIATIONS
=AMOSITE CHRY=CHRYSOTILE CROC=CROCIDOLITE
FIBROUS MATERIAL ABBREVIATIONS
=CELLULOSE FBGL=FIBROUS GLASS SYNT=SYNTHETIC FIBERS
IROUS MATERIAL ABBREVIATIONS
)=BINDER CACO=CALCIUM CARBONATE

Dyer Laboratories, Inc.

CONSULTING CHEMISTS
2531 W. 237TH STREET, #121 TORRANCE, CA 90505
(213) 530-3322

Dyer No.	Identification	Analysis results
Summit Elementary School		
3159	01AA01 SES	Ceiling panel No asbestos detected (< 1%) Cellulose
3160	01AA02 SES	Ceiling panel No asbestos detected (< 1%) Cellulose
3161	01AA03 SES	Ceiling panel No asbestos detected (< 1%) Cellulose
3162	02AA01 SES	Ceiling panel No asbestos detected (< 1%) Glass fiber
3163	03AA01 SES	Ceiling panel No asbestos detected (< 1%) Mineral wool, cellulose, perlite
3164	03AA02 SES	Ceiling panel No asbestos detected (< 1%) Mineral wool, cellulose, perlite
3165	03AA03 SES	Ceiling panel No asbestos detected (< 1%) Mineral wool, cellulose, perlite
3166	04AA03 SES	Wall board No asbestos detected (< 1%) Cellulose
3167	05AA01 SES	Floor tile No asbestos detected (< 1%)
3168	06AA01 SES	Wall plaster No asbestos detected (< 1%)

Denzel L. Dyer

Dyer Laboratories, Inc.

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(213) 530-3322

Dyer No.	Identification	Analysis results
3169	06AA02 SES	Wall plaster No asbestos detected (< 1%)
3170	06AA03 SES	Wall plaster No asbestos detected (< 1%)
3171	07AA01 SES	Kiln insulation No asbestos detected (< 1%)
3172	08AB01 SES	Ceiling panel No asbestos detected (< 1%) Cellulose
3173	08AB02 SES	Ceiling panel No asbestos detected (< 1%) Cellulose
3174	08AB03 SES	Ceiling panel No asbestos detected (< 1%) Cellulose
3175	09AC01 SES	Ceiling Tile No asbestos detected (< 1%) Cellulose
3176	10AC01 SES	Ceiling tile No asbestos detected (< 1%) Cellulose
3177	11AC01 SES	Ceiling tile No asbestos detected (< 1%) Cellulose
3178	12AC01 SES	Texture coat No asbestos detected (< 1%)
3179	12AC02 SES	Texture coat No asbestos detected (< 1%)
3180	12AC03 SES	Texture coat No asbestos detected (< 1%)

Denzel L. Dyer

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Dyer No.	Identification	Analysis results	
3181	13AC01 SES	Pipe lag insulation	
		Chrysotile asbestos	13 %
		Amosite asbestos	11 %
		Nonfibrous	76 %
3182	14AC01 SES	Vinyl sheeting	
		No asbestos detected (< 1%)	
		Contains cellulose and synthetic fiber	
3183	15AD01 SES	Floor tile	
		No asbestos detected (< 1%)	
3184	16AD01 SES	Floor tile	
		Trace chrysotile asbestos, < 1%	
3185	17AD01 SES	Floor tile	
		No asbestos detected (< 1%)	
3186	18AD01 SES	Floor tile	
		No asbestos detected (< 1%)	
3187	19AD01 SES	Floor tile	
		No asbestos detected (< 1%)	
3188	20AD01 SES	Floor tile	
		No asbestos detected (< 1%)	
3189	21AD01 SES	Floor tile	
		Chrysotile asbestos	2 %
		Nonfibrous	98 %
3190	22AD01 SES	Wall plaster	
		No asbestos detected (< 1%)	
3191	22AD02 SES	Wall plaster	
		No asbestos detected (< 1%)	
3192	22AD03 SES	Wall plaster	
		No asbestos detected (< 1%)	

Benzel L. Dyer

Dyer Laboratories, Inc.

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Dyer No.	Identification	Analysis results	
3193	23AD01 SES	Paper tape	
		Chrysotile asbestos	40 %
		Cellulose	47 %
		Nonfibrous	12 %
3194	24AD01 SES	Cloth tape	
		Chrysotile asbestos	38 %
		Cellulose	61 %
		Nonfibrous	2 %
3195	25AD01 SES	Window putty	
		No asbestos detected (< 1%)	
3196	26AE01 SES	Floor vinyl	
		Chrysotile asbestos	25 %
		Cellulose	9 %
		Nonfibrous	66 %
		The asbestos is in the gray fibrous backing.	
3197	27AE01 SES	Floor vinyl	
		No asbestos detected (< 1%)	
		Contains cellulose	
3198	28AE01 SES	Ceiling tile	
		No asbestos detected (< 1%)	
		Contains cellulose	
3199	29AE01 SES	Molding under floor sheeting	
		No asbestos detected (< 1%)	
		Cellulose	
3200	30AF01 SES	Floor tile	
		Chrysotile asbestos (0.97%)	1 %
		This is the mean of two analyses which individually found 0.73% and 1.22% asbestos. The mean represents a count of 8 for chrysotile in a total of 823.	
3201	31AF01 SES	Floor tile	
		Trace chrysotile asbestos	< 1 %

Denzel L. Dyer

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Dyer No.	Identification	Analysis results	
3202	32AF01 SES Elbow		
		Chrysotile asbestos	89 %
		Cellulose	3 %
		Nonfibrous	8 %
3203	33AF01 SES Floor tile		
		No asbestos detected (< 1%)	
3204	34AF01 SES Floor tile		
		No asbestos detected (< 1%)	

Denzel L. Dyer

ABATEC INC.
SAMPLE LOG

Km S
OA101

SITE Summit Elementary DISTRICT Beaumont Elementary DATE 6-23

SeS

SAMPLE #	HOMOGENEOUS AREA	TYPE Surf. TSI Misc.	AREA LIN FT. SQ. FT.	FRIABLE F N	FUNCTIONAL SPACE	LOCATION WITHIN FUNCTIONAL SPACE	DESCRIPTION OF MATERIAL SAMPLED	CONDITION SD D G
01AA01	Ceiling Panel	M		N	Main Bldg A	West End of Bldg	Celestial 2x4	D
01AA02	"	M		N	"	"	~~Fiberglass~~ Celestial	D
01AA03	"	M		N	"	"	Celestial	D
02AA01	Ceiling Panel	M		N	"	"	Fiberglass 2x4	D
03AA01	"	M		N	"	"	2x4 Random Fissure	D
03AA02	"	"		"	"	"	"	D
03AA03	"	"		"	"	"	"	D
04AA01	Wall Board	M		N	"	"	Celluose	D
05AA01	Floor Tile	M		N	"	West End	Green Creme	D
06AA01	Wall Plaster	M		N	"	West End Boy's Bathroom	White Granular	D
06AA02	"	M		N	"	"	"	D
06AA03	"	M		N	"	"	"	D
07AA01	Kiln	M		N	"	West End Kiln Room	Tan Powdery	D
08AB01	Ceiling Panel	M		N	Bldg B	middle of Room	2x4 White Fiber	D
08AB02	"	M		N	"	"		D
08AB03	"	M		N	"	"		D

ABATEC INC.
SAMPLE LOG

Kurt Carol

SITE Summit Elementary DISTRICT Beaumont Unified DATE 6-23

Ses

SAMPLE #	HOMOGENEOUS AREA	TYPE Surf. TSI Misc.	AREA LIN.FT. SQ.FT.	FRIABLE F N	FUNCTIONAL SPACE	LOCATION WITHIN FUNCTIONAL SPACE	DESCRIPTION OF MATERIAL SAMPLED	CONDITION SD D C
09AC01	Ceiling Tile	M		N	Library	Next to Teachers Lounge Storage Workroom	1x1 Random Perf	D
10AC01	"	M		N	"	"	1x1 Uniform Perf	D
11AC01	"	M		N	"	"	1x1 Celestial	D
12AC01	Texture coat	M		N	"	Library	White granular	
12AC02	"	M		N	"	"	"	D
12AC03	"	M		N	"	"	"	D
13AC01	Pipe Lag	M		N	"	Library Staff Bathroom	White Powde	D
14AC01	Vinyl Sheeting	M		N	"	North Door Library	Red mosaic	D
15AD01	Floor Tile	M		N	Kitchen	East Side	Creme with White Streaks	D
16AD01	"	M		N	"	"	Red with Creme gray streaks	D
17AD01	Floor tile	M		N	"	"	Tan with White grey streaks	D
18AD01	Floor Tile	M		N	"	West Door	Creme with White Light Brown Stre	D
19AD01	Floor Tile	M		N	"	"	Green with Creme (1)	D
20AD01	Floor Tile	M		N	Multi Purpose	North wall	Green with Creme Back Streaks	D
21AD01	Floor Tile	M		N	"	"	Green with Creme Streaks Less Streaks	D
22AD01	Wall Plaster	M		N	"	North wall	White granular	D

ABATEC INC.
SAMPLE LOG

Kent
QA101

SITE Summit Elementary DISTRICT Beaumont Unified DATE 6-2

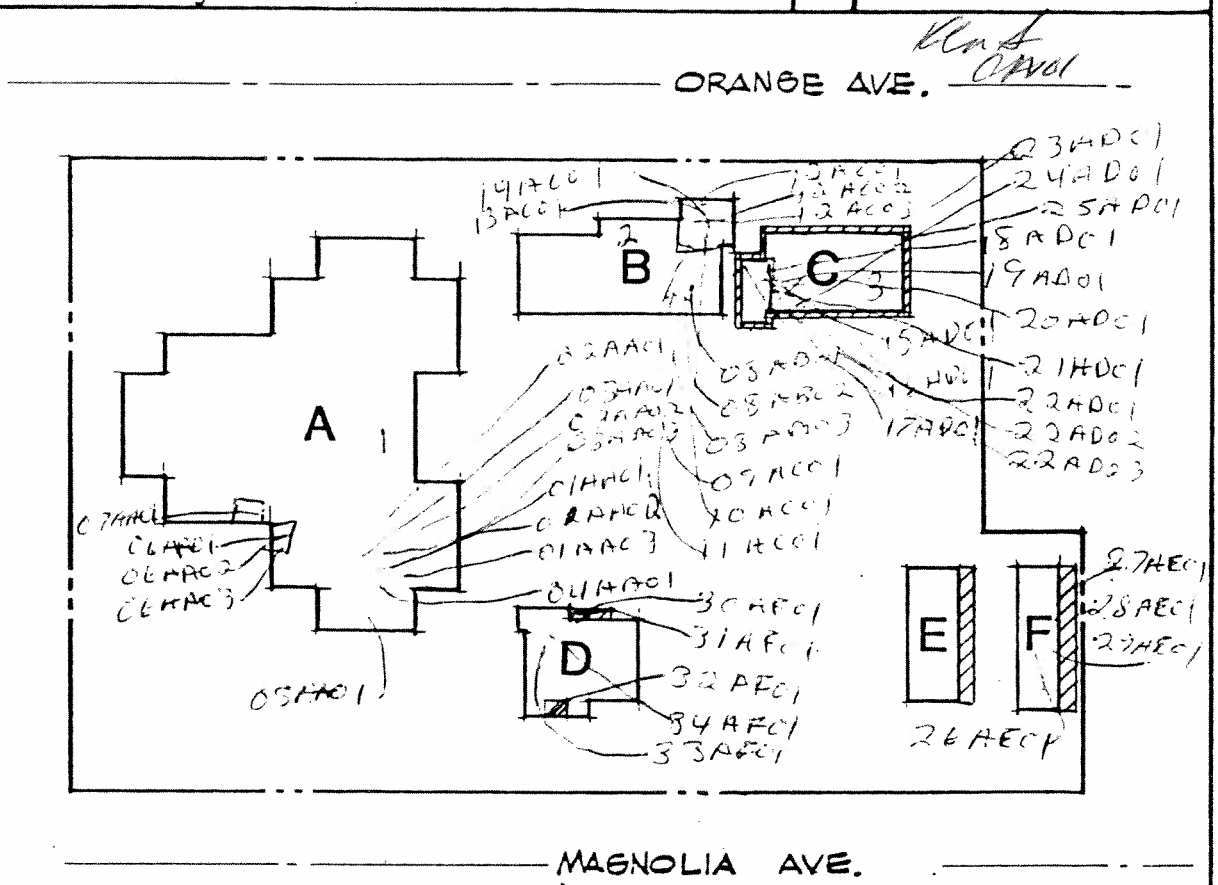
SCS

SAMPLE #	HOMOGENEOUS AREA	TYPE Surf. TSI Misc.	AREA LIN.FT. SQ.FT.	FRIABLE F N	FUNCTIONAL SPACE	LOCATION WITHIN FUNCTIONAL SPACE	DESCRIPTION OF MATERIAL SAMPLED	CONDITION SD D C
22AD02	Wall Plaster	M		N	Multi Purpose	North Wall	White Granular	D
22AD03	"	"		"	"	"	"	D
23AD01	Paper Tape	M		N	"	Heater West End	Tape	D
24AD01	Cloth Tape	M		N	"	"	Cloth	D
25AD01	Window Putty	M		N	"	South Wall	Putty	D
26AE01	Floor Sheeting	M		N	Class Room	Special Ed Bldg F	Orange Mosaic	D
27AE01	Floor Sheeting	M		N	"	Special ED Bldg F	Green	D
28AE01	Ceiling Tile	M		N	"	"	1x2 Plain White	D
29AE01	Molding Under Floor Sheeting	M		N	"	"	Jute	D
30AF01	Floor Tile	M		N	Band Room	Bldg D East Side	Grey with Black White	D
31AF01	Floor Tile	M		N	"	Bldg D East Side	Creme with White	D
32AF01	Elbow	M		F	"	Custodial Closet Second Floor	Powdery	D
33AF01	Floor Tile	M		F	"	North Hallway	Greenish Gray	D
34AF01	Floor Tile	M		F	"	"	Creme with White Green dots	D

DIAGRAM OF BUILDING AREAS

PROJECT: BEAUMONT UNIFIED SCHOOL DISTRICT
Summit School
ADDRESS: 650 Magnolia

✓	EXISTING	(1-A)
	BASIC PLANS	(2-A)
	FINAL PLANS	(3-A)



1" = 100'-0"

TOTAL HALF AREA	870.00
TOTAL FULL AREA	37,920.15
TOTAL AREA	38,790.15

FULL AREAS HALF AREAS

ABOVE IS MEASURED IN ACCORDANCE WITH ARTICLE 2022, SUB CHAPTER 8, TITLE 5, CALIF ADMIN CODE

Armando L. Gonzalez

CASHION HORIE COCKE GONZALEZ ARCHITECTS, INC.

DATE: 9-8-81 SHT 1 OF 7 SHTS

OFFICE OF SCHOOL PLANNING
CALIFORNIA DEPT OF EDUCATION