



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: B104005
Date Received: 09/19/07
Date Analyzed: 09/21/07
Date Printed: 09/21/07
First Reported: 09/21/07

Job ID/Site: Parkview - Re-roof - PO#070280

FASI Job ID: 2921

Date(s) Collected: 09/14/2007

Total Samples Submitted: 14

Total Samples Analyzed: 14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PKV01	10681935						
Layer: Black Tar Stones					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 (Trace)	Fibrous Glass (50 %)						
Comment: Bulk complex sample.							
PKV02	10681936						
Layer: Black Tar Stones					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 (Trace)	Fibrous Glass (50 %)						
Comment: Bulk complex sample.							
PKV03	10681937						
Layer: Black Tar Stones					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 (Trace)	Fibrous Glass (50 %)						
Comment: Bulk complex sample.							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PKV04	10681938						
Layer: Black Tar Stones			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 (Trace)	Fibrous Glass (50 %)						
Comment: Bulk complex sample.							
PKV05	10681939						
Layer: Black Tar Stones			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 (Trace)	Fibrous Glass (50 %)						
Comment: Bulk complex sample.							
PKV06	10681940						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
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 (Trace)	Fibrous Glass (50 %)						
Comment: Bulk complex sample.							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PKV07	10681941						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
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 (Trace)	Fibrous Glass (50 %)						
Comment: Bulk complex sample.							
PKV08	10681942						
Layer: Black Tar Stones			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 (Trace)	Fibrous Glass (50 %)						
Comment: Bulk complex sample.							
PKV09	10681943						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
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 (Trace)	Fibrous Glass (50 %)						
Comment: Bulk complex sample.							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PKV10	10681944						
Layer: Black Tar Stones			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
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 (Trace)	Fibrous Glass (50 %)						
Comment: Bulk complex sample.							
PKV11	10681945						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
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 (Trace)	Fibrous Glass (50 %)						
Comment: Bulk complex sample.							
PKV12	10681946						
Layer: Black Tar Stones			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 (Trace)	Fibrous Glass (50 %)						
Comment: Bulk complex sample.							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PKV13	10681947						
Layer: Black Tar Stones			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 (Trace)		Fibrous Glass (50 %)					
Comment: Bulk complex sample.							

PKV14	10681948						
Layer: Black Tar Stones			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 (Trace)		Fibrous Glass (50 %)					
Comment: Bulk complex sample.							



James Flores, Laboratory Supervisor, Hayward Laboratory

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

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Forensic Analytical

Analysis Request Form

Client Name & Address: Chico Unified School District 2455 Carmichael Drive Chico, CA 95928		P.O. #: 070280 Date: 9/18/07
Contact: Leroy Christophersen		Turn Around Time: ___ hr / 12hr / 24hr / <u>48 hr</u> / ext: _____
Phone #: 530-891-3195		Due Date: / / Due Time: : am/pm
Fax#: (530) 891-3190		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count <input type="checkbox"/> PCM: NIOSH 7400
Site: Parkview		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402
Job: Re-roof		<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield
Comments:		<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: _____

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY			Sample Area or Air Volume		
			Type	Time On/Off	Avg. LPM		Total Time	
PKV01	9/14/07	Unit 4 roof	A P C					
PKV02	}	}	A P C					
PKV03			A P C					
PKV04			A P C					
PKV05			A P C					
PKV06			A P C					
PKV07			A P C					
PKV08			Unit 8 roof	A P C				
PKV09			}	}	A P C			
					A P C			

Sampled by: _____ Date: / / Time: :

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: Date / Time: 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



Client Name & Address: Chico Unified School District 2455 Carmichael Drive Chico, CA 95928		P.O. #: 070280 Date: 9/18/07
Contact: Leroy Christophersen Phone #: 530-891-3195 Fax#: (530) 891-3190		Turn Around Time: ___ hr / 12hr / 24hr / <u>48 hr</u> / 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: Parkview Job: Re-roof		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <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: _____

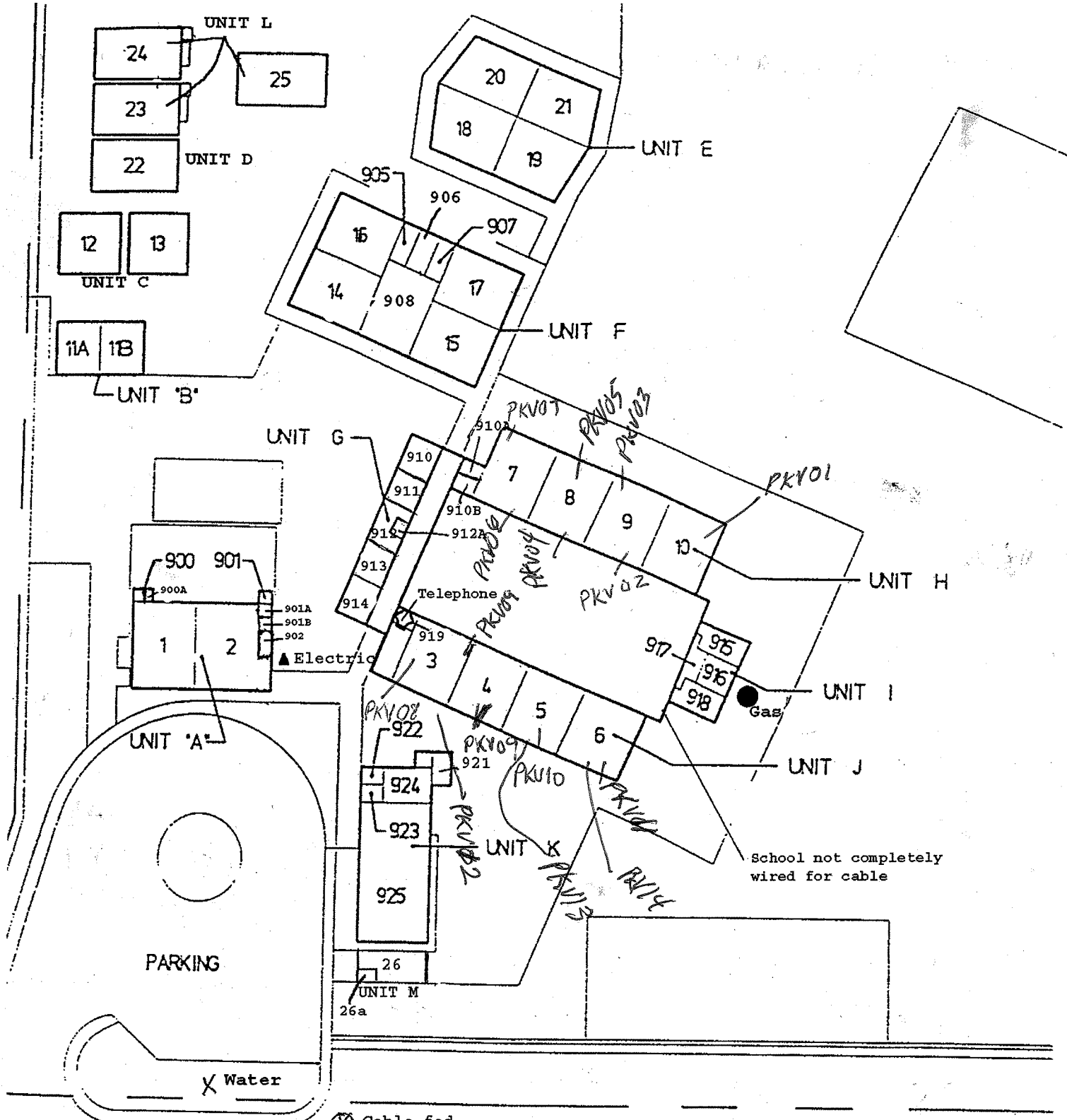
Comments:

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY			Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	
PKV10	9/14/07	Unit I	A P C			
PKV11	9/14/07	Unit I	A P C			
PKV12			A P C			
PKV13			A P C			
PKV14			A P C			
			A P C			
			A P C			
			A P C			
			A P C			

Sampled by: _____ Date: / / Time: :

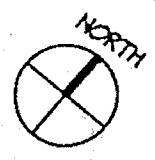
Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other:

Relinquished by: Date / Time:	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by: Date / Time: RECEIVED SEP 19 2007	Received by: Date / Time:	Received by: Date / Time:
Condition Acceptable? <input 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



PARKVIEW ELEMENTARY SCHOOL

Updated 9/2006



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

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Chico Unified School District

September 18, 2007

Fed Ex Airbill #8527 7025 2177

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

Re: Parkview Elementary School

To Whom It May Concern:

Please test the enclosed samples from the Parkview Elementary School Unit H & Unit I Roofs for asbestos. We would like a 48-hour turnaround on the samples. Please fax the results to us as soon as soon as they are available. Our fax number is (530) 891-3190.

Site Sampled:	Parkview Elementary School
Location:	Unit H Roof
Date Sampled:	September 14, 2007
Number of Samples:	Seven (7) - #PKV01, PKV02, PKV03, PKV04 PKV05, PKV06, PKV07
Location:	Unit I Roof
Date Sampled:	September 14, 2007
Number of Samples:	Seven (7) - #PKV08, PKV09, PKV10, PKV11 PKV12, PKV13, PKV14

Thank you for your prompt response to this request.

Sincerely,



Leroy Christophersen
Safety & Loss Control Coordinator

LC:dlg

Enclosures: (14 Samples)