



SETTLED DUST PARTICLE IDENTIFICATION

BY

POLARIZED LIGHT MICROSCOPY



BULK MATERIAL Analysis Request Form for ENTEK CONSULTING GROUP, INC.

4200 Rocklin Road, Suite 7
Rocklin, CA 95677
(916) 632-6800
(916) 632-6812 Fax

Date of Sampling: 06-11-07

Lab: Forensic Analytical Specialties, Inc.

Job Number: 07-534

Analysis Requested: Particle ID by PLM

Client Name: State Fund Compensation Insurance

Collected by: Attn: Mark Floyd

Site Address: Board of Equalization
450 N Street
Sacramento, CA 94279

Turnaround Time: Need Results by
Thursday, June 14, 2007 at 3:00PM

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-07-534-47	Carpet Sample - Micro-Vacuum Dust Sample From Law Library Carpeted Floor on 22 nd Floor, Room 2217
ECG-07-534-48	Carpet Sample - Micro-Vacuum Dust Sample From Room 2214 Office; Previously Office
ECG-07-534-49	Carpet Sample - Micro-Vacuum Dust Sample From Carpet of Room 2207 Office and Cubicle Located Immediately West
ECG-07-534-50	Carpet Sample - Micro-Vacuum Dust Sample From Carpet of Office in Room 2305 at South Side of 23 rd Floor by Column K-21

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Delivered by: _____ Date: _____ Time: _____

Received by: _____ Date: _____ Time: _____

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**PARTICLE IDENTIFICATION ANALYSIS
by Polarized Light Microscopy (PLM)**

Entek Consulting Group
Rick Beall
4200 Rocklin Rd, Suite 7
Rocklin CA 95677

Page: 1/2
Client Number: A31353
Report Number: T012789
SP Number: 07069
Date Received: 6/13/07

Site: Board of Equalization, Sacramento
Job #: 07-534, State Fund Compensation Insurance

Date Reported: 6/14/07
Analyst: LW

PARTICLE IDENTIFICATION ANALYSIS RESULTS					
Client Sample No.		20049469		20049470	
Lab Sample No.		ECG-07-534-47		ECG-070534-48	
Description:		Carpet Microvac. Law Library floor. 22nd floor, Room 2217		Carpet Microvac. ofc Room 2214	
Fibrous	Major	Cotton	Cellulose	Cotton	Cellulose
	Minor				
	Trace	Synthetics Nylon Mineral wool Paper	Wool Feathers Trichomes	Synthetics Nylon Mineral wool Paper	Wool Trichomes Hair: feline
Non-Fibrous	Major	Epithelial cells	Organic debris	Epithelial cells	Organic debris
	Minor	Iron oxide Limestone	Opagues Quartz	Iron oxide Limestone	Opagues Quartz
	Trace	Fungal spores: alternaria, ascospores, aspergillus/penicillium, cladosporium, ulocladium, epicoccum, misc. Pollen: pinaceae, poaceae, asteraceae, betulaceae, oleaceae, fagaceae Clear isotropics* Insect parts Metal chips Phenolic foam Inkjet printer ink Perlite Feldspars Flyash Starch		Fungal spores: alternaria, ascospores, aspergillus/penicillium, cladosporium, misc. Pollen: pinaceae, poaceae, asteraceae, betulaceae, moraceae Clear isotropics* Insect parts Metal chips Phenolic foam Feldspars Gypsum Mica Paint chips Starch Spray paint	

Quantitation: Major: >10%, minor: 1-10%, trace: <1%.

* Clear isotropics may be glass chips or aluminum corrosion products

Mark Floyd, EM Supervisor, Hayward Laboratory



**PARTICLE IDENTIFICATION ANALYSIS
by Polarized Light Microscopy (PLM)**

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Rick Beall
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Rocklin CA 95677

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Report Number: T012789
SP Number: 07069
Date Received: 6/13/07

Site: Board of Equalization, Sacramento
Job #: 07-534, State Fund Compensation Insurance

Date Reported: 6/14/07
Analyst: LW

PARTICLE IDENTIFICATION ANALYSIS RESULTS					
Client Sample No.		20049471		20049472	
Lab Sample No.		ECG-07-534-49		ECG-07-534-50	
Description:		Carpet Microvac. ofc. Room 2207		Carpet Microvac. ofc. South side of 23rd floor, by column K-21	
Fibrous	Major	Cotton	Cellulose	Cotton	Cellulose
	Minor				
	Trace	Synthetics Nylon Mineral wool	Trichomes Paper Hair: feline	Synthetics Nylon Mineral wool	Trichomes Paper Hair: feline
Non-Fibrous	Major	Epithelial cells	Organic debris	Epithelial cells	Organic debris
	Minor	Iron oxide Limestone	Opaques	Iron oxide Limestone	Opaques Quartz
	Trace	Fungal spores: ascospores, aspergillus/penicillium, misc. Pollen: pinaceae, poaceae, betulaceae Clear isotropics* Diatoms Feldspars Gypsum Insect parts Metal chips Mica Paint chips Quartz Spray paint Starch Phenolic foam Perlite		Fungal spores: aspergillus/penicillium, misc. Pollen: pinaceae, poaceae, asteraceae, betulaceae Clear isotropics* Feldspars Flyash Gypsum Insect parts Metal chips Mica Paint chips Spray paint Starch Phenolic foam	

Quantitation: Major: >10%, minor: 1-10%, trace: <1%.

* Clear isotropics may be glass chips or aluminum corrosion products

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4200 Rocklin Road, Suite 7
 Rocklin, CA 95677
 (916) 632-6800
 (916) 632-6812 Fax

Date of Sampling: 06-11-07

Lab: EML - F.A.S.I.

Job Number: 07-543

Analysis Requested: Partial ID by PLM

Client Name: State Fund Compensation Insurance

Collected by: Attn: Mark Floyd

Site Address: Board of Equalization
 450 N Street
 Sacramento, CA 94279

Turnaround Time: Need Results by
 Thursday, June 14, 2007 at 3:00PM

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Delivered by: Pratt VIA FEDEX Date: 6-12-07 Time: 11:00AM

Received by: Camilo 1020 a Date: _____ Time: _____

RECEIVED JUN 18 2007

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