ENTEK

BULK SAMPLING RESULTS

CARPET DUST CULTURE

FOR MOLD SPORES

ENTEK

BULK MATERIAL Analysis Report Form

ENTEK CONSULTING GROUP, INC.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
(916) 632-6800
(916) 632-6812 FAX

Date of Sampling: 05-17-07

Lab: EML - San Bruno

Job Number: 07-534

Analysis Requested: Mold by Culture

Client Name: State Fund Compensation Insurance

Collected by: Rick Beall

Site Address: 450 N Street
Sacramento, CA 94279

:

SAMPLE #	RESULTS	MATERIAL DESCRIPTION/LOCATION
ECG-07-534-40	SEE ATTACHED LABORATORY REPORT	Carpet Dust Sample - Cubicle of Room 2305, South Side
ECG-07-534-41	SEE ATTACHED LABORATORY REPORT	Carpet Dust Sample - Cubicle Office, Room 2305, South Side
ECG-07-534-42	SEE ATTACHED LABORATORY REPORT	Carpet Dust Sample - Open Office Area Near Room 2206 and Cubicle 095
ECG-07-534-43	SEE ATTACHED LABORATORY REPORT	Carpet Dust Sample - Law Library Room 2217
ECG-07-534-44	SEE ATTACHED LABORATORY REPORT	Carpet Dust Sample - Room 2102 by Column K-22
ECG-07-534-45	SEE ATTACHED LABORATORY REPORT	Carpet Dust Sample - Elevator Lobby, 21st Floor
ECG-07-534-46	SEE ATTACHED LABORATORY REPORT	Carpet Dust Sample - Room 1820 at North West Corner of Building

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Environmental Microbiology Laboratory, Inc.

Report for:

Mr. Rick Beall
Entek Consulting Group
4200 Rocklin Road, Suite 7
Rocklin, CA 95677

Regarding: Project: 07-534; State Fund Compensation Insurance
EML ID: 299914

Date of Analysis: 05-22-2007 to 05-31-2007

Approved by:

Northwest Lab Manager
Dr. Kamashwaran Ramanathan

Project SOPs: Culturable air, standard fungal analysis (100063), Premium spore trap supplement (100185), Quantitative fungal culture, dust (100035), Spore trap analysis (100005)

This coversheet is included with your report in order to comply with AIHA and ISO accreditation requirements.

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

Environmental Microbiology Laboratory, Inc. ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Environmental Microbiology Laboratory, Inc.
1150 Bayhill Drive, Suite 100, San Bruno, CA 94066
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: Entek Consulting Group
C/O: Mr. Rick Beall
Re: 07-534; State Fund Compensation Insurance

Date of Sampling: 05-17-2007
Date of Receipt: 05-21-2007
Date of Report: 05-31-2007

FUNGAL CULTURE REPORT

Location:	ECG-07-534-40: Carpet dust sample-cubicle of room 2305, south side			ECG-07-534-41: Carpet dust sample-cubicle at office room 2305, south side		
Comments (see below)	None			None		
Sample type	Dust sample			Dust sample		
Media used	Cellulose/DG18/MEA			Cellulose/DG18/MEA		
Lab ID-Version‡:	1306888-1			1306887-1		
	sample ct.†	%	cfu*/unit	sample ct.†	%	cfu*/unit
Acremonium						
Alternaria						
Aspergillus fumigatus						
Aspergillus nidulans						
Aspergillus niger				100	<1	4,000
Aspergillus ochraceus						
Aspergillus versicolor						
Aureobasidium	6,000	27	240,000	22,000	43	880,000
Bipolaris/Drechslera group						
Botrytis						
Cladosporium	800	4	32,000	400	1	16,000
Curvularia						
Epicoccum				200	<1	8,000
Fusarium						
Mucor						
Non-sporulating fungi						
Paecilomyces						
Penicillium	600	3	24,000	200	<1	8,000
Phoma/coelomycetes						
Stachybotrys chartarum	800	4	32,000	200	<1	8,000
Trichoderma						
Ulocladium						
Yeasts	14,000	63	560,000	28,000	54	1,100,000
Dilutions††	1:10, 1:100, 1:1,000 & 1:10,000			1:10, 1:100, 1:1,000 & 1:10,000		
Sample size	0.025			0.025		
Unit	1 gram			1 gram		
TOTAL CFU*/unit			888,000			2,024,000

* cfu = colony forming units
Caution should be used when interpreting percentages. Totals may not equal 100 due to rounding.
Comments:

†Sample count is the calculated number of colonies that would have grown if the entire selected sample size analyzed were plated out.
††Results represent a compiled result from multiple media and multiple dilutions. Sensitivity of the results depends largely upon the dilutions used and the size of the sample. For example, a dilution of 1:100 means that 1 colony on a plate represents a sample count of 100. For a sample of 0.025 grams, this would represent 4,000 cfu/gram. For a sample of 0.002 grams, this would represent 50,000 cfu/gram.
Interpretation is left to the company and/or persons who conducted the field work.
‡ A "Version" greater than 1 indicates amended data.

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Date of Sampling: 05-17-2007
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FUNGAL CULTURE REPORT

Location:	ECG-07-534-42: Carpet dust sample-open office area near room 2206 and cubicle 095			ECG-07-534-43: Carpet dust sample-law library room 2217		
Comments (see below)	None			None		
Sample type	Dust sample			Dust sample		
Media used	Cellulose/DG18/MEA			Cellulose/DG18/MEA		
Lab ID-Version‡:	1306886-1			1306885-1		
	sample ct.†	%	cfu*/unit	sample ct.†	%	cfu*/unit
Acremonium						
Alternaria						
Aspergillus fumigatus						
Aspergillus niger						
Aspergillus ochraceus						
Aspergillus versicolor						
Aureobasidium	1,200	43	48,000	140,000	77	5,600,000
Bipolaris/Drechslera group						
Botrytis						
Cladosporium	100	4	4,000	400	<1	16,000
Curvularia						
Epicoccum	100	4	4,000			
Fusarium						
Mucor				10	<1	400
Non-sporulating fungi						
Paecilomyces						
Penicillium				200	<1	8,000
Phoma/coelomycetes				100	<1	4,000
Stachybotrys chartarum						
Trichoderma				100	<1	4,000
Ulocladium	200	7	8,000			
Yeasts	1,200	43	48,000	40,000	22	1,600,000
Dilutions††	1:10, 1:100, 1:1,000 & 1:10,000			1:10, 1:100, 1:1,000 & 1:10,000		
Sample size	0.025			0.025		
Unit	1 gram			1 gram		
TOTAL CFU*/unit			112,000			7,232,400

* cfu = colony forming units
Caution should be used when interpreting percentages. Totals may not equal 100 due to rounding.
Comments:

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FUNGAL CULTURE REPORT

Location:	ECG-07-534-44: Carpet dust sample-room 2102 by column K-22			ECG-07-534-45: Carpet dust sample-elevator lobby, 21st floor		
Comments (see below)	None			None		
Sample type	Dust sample			Dust sample		
Media used	Cellulose/DG18/MEA			Cellulose/DG18/MEA		
Lab ID-Version‡:	1306884-1			1306883-1		
	sample ct.†	%	cfu*/unit	sample ct.†	%	cfu*/unit
Acremonium						
Alternaria	100	< 1	4,000			
Aspergillus fumigatus						
Aspergillus nidulans						
Aspergillus niger	100	< 1	4,000	100	< 1	5,900
Aspergillus ochraceus						
Aspergillus versicolor						
Aureobasidium	70,000	53	2,800,000	70,000	77	4,100,000
Bipolaris/Drechslera group						
Botrytis						
Cladosporium	300	< 1	12,000	300	< 1	18,000
Curvularia						
Epicoccum						
Fusarium						
Mucor						
Non-sporulating fungi						
Paecilomyces						
Penicillium	400	< 1	16,000	200	< 1	12,000
Phoma/coelomycetes						
Stachybotrys chartarum						
Trichoderma						
Ulocladium						
Yeasts	60,000	46	2,400,000	20,000	22	1,200,000
Dilutions††	1:10, 1:100, 1:1,000 & 1:10,000			1:10, 1:100, 1:1,000 & 1:10,000		
Sample size	0.025			0.017		
Unit	1 gram			1 gram		
TOTAL CFU*/unit			5,236,000			5,335,900

* cfu = colony forming units
Caution should be used when interpreting percentages. Totals may not equal 100 due to rounding.
Comments:

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Date of Sampling: 05-17-2007
Date of Receipt: 05-21-2007
Date of Report: 05-31-2007

FUNGAL CULTURE REPORT

Location:	ECG-07-534-46: Carpet dust sample-room 1820 at north west corner of building		
Comments (see below)	None		
Sample type	Dust sample		
Media used	Cellulose/DG18/MEA		
Lab ID-Version‡:	1306882-1		
	sample ct.†	%	cfu*/unit
Acremonium			
Alternaria			
Aspergillus flavus			
Aspergillus fumigatus			
Aspergillus nidulans			
Aspergillus niger			
Aspergillus ochraceus			
Aspergillus versicolor			
Aureobasidium	8,000	54	320,000
Bipolaris/Drechslera group			
Botrytis			
Cladosporium	500	3	20,000
Curvularia			
Epicoccum			
Fusarium			
Mucor			
Non-sporulating fungi			
Paecilomyces			
Penicillium			
Phoma/coelomycetes	400	3	16,000
Stachybotrys chartarum			
Trichoderma			
Ulocladium			
Yeasts	6,000	40	240,000
Dilutions††	1:10, 1:100, 1:1,000 & 1:10,000		
Sample size	0.025		
Unit	1 gram		
TOTAL CFU*/unit			596,000

* cfu = colony forming units
Caution should be used when interpreting percentages. Totals may not equal 100 due to rounding.
Comments:

†Sample count is the calculated number of colonies that would have grown if the entire selected sample size analyzed were plated out.
††Results represent a compiled result from multiple media and multiple dilutions. Sensitivity of the results depends largely upon the dilutions used and the size of the sample. For example, a dilution of 1:100 means that 1 colony on a plate represents a sample count of 100. For a sample of 0.025 grams, this would represent 4,000 cfu/gram. For a sample of 0.002 grams, this would represent 50,000 cfu/gram.
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