

MicroTest® Laboratories, Inc.
AIHA EMPAT #160934
Environmental Biological Testing
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Fair Oaks, CA 95628
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October 5, 2007

State of California- Building and Property Management
707 3rd Street
West Sacramento, CA 95606

Re: 450 N Street
Sacramento, CA

Dear Sirs,

Please find following the results of the sampling obtained at 450 N Street on 10/05/07. The areas sampled were chosen, by you, for Zefon "Viable/Non-Viable" air sampling analyses. *Stachybotrys chartarum* was found in the air sample "13270859 Hallway Outside 2419, 24th Floor." The concentration and distribution of the remaining recovered populations fall within the expected normal range in the areas analyzed.

For your convenience, the following is an interpretative guideline provided for your use.

Interpretive Guidelines:

Normal Spore Levels: Indoor spore levels usually average 30% to 80% of the outdoor spore levels at the time of sampling, with the approximate same distribution of spore types. Filtered air, air-conditioned air or air that is not in the proximity of outdoor sources may drop to 5% to 15% of the outdoor spore levels at the time of sampling. As these are general guidelines, a major factor is the accessibility of outdoor air. A residence with heavy foot traffic, open door and windows, etc., may average 95% of the outdoor levels. An office building with limited air exchange may average as low as 2% of the outdoor levels. Dusty interiors may exceed 100% of the outdoor spore levels but will mirror the outdoor distribution of spore types.

Problem Interiors: A substantial increase of one or two spore types, which are inconsistent and not reflective of the outside, spore distribution. This is usually indicative of mold growth.

**Suggested Guidelines for Mold Spore and Skin Cell Fragment Concentrations
Residential Buildings (Counts/Cubic Meter) m³**

Suggested Guideline	Total	<i>Penicillium/Aspergillus</i>	Ascospores/ Basidiospores	<i>Cladosporium</i>	Zygomycetes	Skin Cell Fragments
"Average" Clean Residence	<1,800	<600	<200	<100	<100	<9,000
"Clean" Residence (Maximum)	<3,000	<1,400	*<900	*<800	<600	<16,000
Indoor Contamination Present	***>8,000	>4,000	*>1,500	*>600	>700	>20,000
Indoor Amplification May Be Occurring	*>12,000	>8,000	*>1,500	*>1350	>1,000	**>30,000

Reference: *Airborne Mold Spore Concentrations in Commercial & Residential Buildings*, Daniel M. Baxter, Environmental Testing Associates, San Diego, CA., 1995.

* May depend on outside spore concentration for each species

** Based on mean plus standard deviation of contaminated residences indicating inadequate housekeeping

*** Based on median of contaminated residences

Summary of Mold Spore Species Distribution

Building Type	<i>Penicillium/Aspergillus</i>	Ascospores/ Basidiospores	<i>Cladosporium</i>	Zygomycetes	Skin Cell Fragments
"Clean" Commercial Buildings	37%	24%	11%	5%	23%
"Contaminated" Commercial Buildings	66%	6%	4%	10%	14%
"Clean" Residential Buildings	39%	18%	21%	<1%	22%
"Contaminated" Residential Buildings	20%	76%	1%	1%	2%
"Contaminated Buildings Sampled During Drywall Demolition	92%	<1%	<1%	5%	3%

Reference: *Airborne Mold Spore Concentrations in Commercial & Residential Buildings*, Daniel M. Baxter, Environmental Testing Associates, San Diego, CA., 1995.

Thank you for allowing *MicroTest™* Laboratories, Inc. to provide the microbiological services you required.

Sincerely,

Rebecca Hutty
President
MicroTest™ Laboratories, Inc.

RH/amc

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Client Name:	State Of California-Building and Property Management 707 3rd Street, Suite 5000 West Sacramento, CA 95605	Contact Name:	Lance Lister
Project:	450 N Street Sacramento, CA	Sampler:	Jeff Neeland
		Sample Date:	10/5/07
		Receipt Date:	10/5/07
		Report Date:	10/5/07
		Accession No:	727821-727838
		Instrument Used:	Zefon

Non-Viable Bioaerosol Analysis

Client Project Identification	13270881 Outside 4th Floor Parking			13270872 Outside 4th Floor Parking			13270859 Hallway Outside 2419, 24th Floor			13266853 Office 2442		
	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area
Alternaria												
Arthrinium												
Ascospores	51	680	34%	37	493	17%	10	133	16%	11	147	30%
Aureobasidium												
Basidiospores	9	120	6%	9	120	4%	2	27	3%	2	27	5%
Botrytis												
Chaetomium	1	13	1%									
Cladosporium	47	627	31%	135	1800	64%	9	120	15%	3	40	8%
Fusarium				1	13	0.5%						
Fragments	4	53	3%	2	27	1%						
Epicoccum												
Nigrospora	2	27	1%									
Penicillium/Aspergillus*	33	440	22%	27	360	13%	38	507	61%	19	253	51%
Pollen	3	40	2%				1	13	2%	1	13	3%
Rusts							1	13	2%	1	13	3%
Scopulariopsis												
Smuts/Peric/Myxomycetes	1	13	1%									
Stachybotrys							1	13	2%			
Stemphylium												
Torula				1	13	0.5%						
Ulocladium												
Pithomyces												
Total Spores (Cts/m³):	151	2,013		212	2,826		62	826		37	493	
Sample Volume (Liters)	75			75			75			75		
Sample Time Minutes:	5			5			5			5		
Background Debris**	Moderate			Few			Moderate			Few		

*The spores of *Penicillium/Aspergillus* cannot be differentiated by non-viable sampling methods.

**Fibers, skin fragments and dust are indicated by few, moderate, many, and abundant.

Comments:

Technologist: Rebecca Huty, *MicroTest Labs™, Inc.*

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Project:	450 N Street Sacramento, CA	Sampler:	Jeff Neeland
		Sample Date:	10/5/07
		Receipt Date:	10/5/07
		Report Date:	10/5/07
		Accession No:	727821-727838
		Instrument Used:	Zefon

Non-Viable Bioaerosol Analysis

Client Project Identification	13270881 Outside 4th Floor Parking			13270872 Outside 4th Floor Parking			13270894 Office 2337			13270888 Office 2305		
	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area
Alternaria												
Arthrinium												
Ascospores	51	680	34%	37	493	17%	3	40	15%	5	67	31%
Aureobasidium												
Basidiospores	9	120	6%	9	120	4%	1	13	5%			
Botrytis												
Chaetomium	1	13	1%									
Cladosporium	47	627	31%	135	1800	64%	3	40	15%	4	53	25%
Fusarium				1	13	0.5%						
Fragments	4	53	3%	2	27	1%						
Epicoccum												
Nigrospora	2	27	1%									
Penicillium/Aspergillus*	33	440	22%	27	360	13%	13	173	65%	7	93	44%
Pollen	3	40	2%									
Rusts												
Scopulariopsis												
Smuts/Peric/Myxomycetes	1	13	1%									
Stachybotrys												
Stemphylium												
Torula				1	13	0.5%						
Ulocladium												
Pithomyces												
Total Spores (Cts/m³):	151	2,013		212	2,826		20	267		16	213	
Sample Volume (Liters)	75			75			75			75		
Sample Time Minutes:	5			5			5			5		
Background Debris**	Moderate			Few			Few			Few		

*The spores of *Penicillium/Aspergillus* cannot be differentiated by non-viable sampling methods.

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Project:	450 N Street Sacramento, CA	Sampler:	Jeff Neeland
		Sample Date:	10/5/07
		Receipt Date:	10/5/07
		Report Date:	10/5/07
		Accession No:	727821-727838
		Instrument Used:	Zefon

Non-Viable Bioaerosol Analysis

Client Project Identification	13270881 Outside 4th Floor Parking			13270872 Outside 4th Floor Parking			13266848 Office 2232 P-N-18			13270845 Office 2210		
	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area
Alternaria												
Arthrinium												
Ascospores	51	680	34%	37	493	17%	1	13	20%	5	67	22%
Aureobasidium												
Basidiospores	9	120	6%	9	120	4%						
Botrytis												
Chaetomium	1	13	1%									
Cladosporium	47	627	31%	135	1800	64%				1	13	4%
Fusarium				1	13	0.5%						
Fragments	4	53	3%	2	27	1%						
Epicoccum												
Nigrospora	2	27	1%				1	13	20%			
Penicillium/Aspergillus*	33	440	22%	27	360	13%	3	40	60%	17	227	74%
Pollen	3	40	2%									
Rusts												
Scopulariopsis												
Smuts/Peric/Myxomycetes	1	13	1%									
Stachybotrys												
Stemphylium												
Torula				1	13	0.5%						
Ulocladium												
Pithomyces												
Total Spores (Cts/m³):	151	2,013		212	2,826		5	67		23	307	
Sample Volume (Liters)	75			75			75			75		
Sample Time Minutes:	5			5			5			5		
Background Debris**	Moderate			Few			Few			Few		

*The spores of *Penicillium/Aspergillus* cannot be differentiated by non-viable sampling methods.

**Fibers, skin fragments and dust are indicated by few, moderate, many, and abundant.

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Project:	450 N Street Sacramento, CA	Sampler:	Jeff Neeland
		Sample Date:	10/5/07
		Receipt Date:	10/5/07
		Report Date:	10/5/07
		Accession No:	727821-727838
		Instrument Used:	Zefon

Non-Viable Bioaerosol Analysis

Client Project Identification	13270881 Outside 4th Floor Parking			13270872 Outside 4th Floor Parking			13270866 Office 2102 By P-K-22			13270882 Office 2102 By P-N-18		
	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area
Alternaria												
Arthrinium												
Ascospores	51	680	34%	37	493	17%	5	67	15%	2	27	15%
Aureobasidium												
Basidiospores	9	120	6%	9	120	4%	5	67	15%	1	13	8%
Botrytis												
Chaetomium	1	13	1%									
Cladosporium	47	627	31%	135	1800	64%	8	107	24%	1	13	8%
Fusarium				1	13	0.5%						
Fragments	4	53	3%	2	27	1%						
Epicoccum												
Nigrospora	2	27	1%									
Penicillium/Aspergillus*	33	440	22%	27	360	13%	15	200	45%	9	120	69%
Pollen	3	40	2%									
Rusts												
Scopulariopsis												
Smuts/Peric/Myxomycetes	1	13	1%									
Stachybotrys												
Stemphylium												
Torula				1	13	0.5%						
Ulocladium												
Pithomyces												
Total Spores (Cts/m³):	151	2,013		212	2,826		33	440		13	173	
Sample Volume (Liters)	75			75			75			75		
Sample Time Minutes:	5			5			5			5		
Background Debris**	Moderate			Few			Moderate			Few		

*The spores of *Penicillium/Aspergillus* cannot be differentiated by non-viable sampling methods.

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Project:	450 N Street Sacramento, CA	Sampler:	Jeff Neeland
		Sample Date:	10/5/07
		Receipt Date:	10/5/07
		Report Date:	10/5/07
		Accession No:	727821-727838
		Instrument Used:	Zefon

Non-Viable Bioaerosol Analysis

Client Project Identification	13270881 Outside 4th Floor Parking			13270872 Outside 4th Floor Parking			13270871 Office 1104 by P-K-22			13270853 Office 1104 By P-N-18		
	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area
Alternaria												
Arthrinium												
Ascospores	51	680	34%	37	493	17%	7	93	27%	6	80	22%
Aureobasidium												
Basidiospores	9	120	6%	9	120	4%	4	53	15%	2	27	7%
Botrytis												
Chaetomium	1	13	1%									
Cladosporium	47	627	31%	135	1800	64%	2	27	8%	3	40	11%
Fusarium				1	13	0.5%						
Fragments	4	53	3%	2	27	1%						
Epicoccum												
Nigrospora	2	27	1%									
Penicillium/Aspergillus*	33	440	22%	27	360	13%	12	160	46%	16	213	59%
Pollen	3	40	2%				1	13	4%			
Rusts												
Scopulariopsis												
Smuts/Peric/Myxomycetes	1	13	1%									
Stachybotrys												
Stemphylium												
Torula				1	13	0.5%						
Ulocladium												
Pithomyces												
Total Spores (Cts/m³):	151	2,013		212	2,826		26	347		27	360	
Sample Volume (Liters)	75			75			75			75		
Sample Time Minutes:	5			5			5			5		
Background Debris**	Moderate			Few			Few			Moderate		

*The spores of *Penicillium/Aspergillus* cannot be differentiated by non-viable sampling methods.

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Project:	450 N Street Sacramento, CA	Sampler:	Jeff Neeland
		Sample Date:	10/5/07
		Receipt Date:	10/5/07
		Report Date:	10/5/07
		Accession No:	727821-727838
		Instrument Used:	Zefon

Non-Viable Bioaerosol Analysis

Client Project Identification	13270881 Outside 4th Floor Parking			13270872 Outside 4th Floor Parking			13270895 8th Floor By P-N-18			13270868 8th Floor By P-K-22		
	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area
Alternaria												
Arthrinium												
Ascospores	51	680	34%	37	493	17%	7	93	14%	3	40	10%
Aureobasidium												
Basidiospores	9	120	6%	9	120	4%	4	53	8%	4	53	14%
Botrytis												
Chaetomium	1	13	1%									
Cladosporium	47	627	31%	135	1800	64%	6	80	12%	4	53	14%
Fusarium				1	13	0.5%						
Fragments	4	53	3%	2	27	1%						
Epicoccum												
Nigrospora	2	27	1%									
Penicillium/Aspergillus*	33	440	22%	27	360	13%	33	440	66%	18	240	62%
Pollen	3	40	2%									
Rusts												
Scopulariopsis												
Smuts/Peric/Myxomycetes	1	13	1%									
Stachybotrys												
Stemphylium												
Torula				1	13	0.5%						
Ulocladium												
Pithomyces												
Total Spores (Cts/m³):	151	2,013		212	2,826		50	667		29	387	
Sample Volume (Liters)	75			75			75			75		
Sample Time Minutes:	5			5			5			5		
Background Debris**	Moderate			Few			Moderate			Few		

*The spores of *Penicillium/Aspergillus* cannot be differentiated by non-viable sampling methods.

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		Sample Date:	10/5/07
		Receipt Date:	10/5/07
		Report Date:	10/5/07
		Accession No:	727821-727838
		Instrument Used:	Zefon

Non-Viable Bioaerosol Analysis

Client Project Identification	13270881 Outside 4th Floor Parking			13270872 Outside 4th Floor Parking			13268827 Supply Fans 1&2 12th Floor			13270841 Supply Fans 3&4 12th Floor		
	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area
Alternaria												
Arthrinium												
Ascospores	51	680	34%	37	493	17%	1	13	50%			
Aureobasidium												
Basidiospores	9	120	6%	9	120	4%						
Botrytis												
Chaetomium	1	13	1%									
Cladosporium	47	627	31%	135	1800	64%	1	13	50%	1	13	50%
Fusarium				1	13	0.5%						
Fragments	4	53	3%	2	27	1%						
Epicoccum												
Nigrospora	2	27	1%									
Penicillium/Aspergillus*	33	440	22%	27	360	13%				1	13	50%
Pollen	3	40	2%									
Rusts												
Scopulariopsis												
Smuts/Peric/Myxomycetes	1	13	1%									
Stachybotrys												
Stemphylium												
Torula				1	13	0.5%						
Ulocladium												
Pithomyces												
Total Spores (Cts/m³):	151	2,013		212	2,826		2	27		2	27	
Sample Volume (Liters)	75			75			75			75		
Sample Time Minutes:	5			5			5			5		
Background Debris**	Moderate			Few			Few			Few		

*The spores of *Penicillium/Aspergillus* cannot be differentiated by non-viable sampling methods.

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Comments:

Technologist: Rebecca Huty, *MicroTest Labs™, Inc.*

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Project:	450 N Street Sacramento, CA	Sampler:	Jeff Neeland
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		Report Date:	10/5/07
		Accession No:	727821-727838
		Instrument Used:	Zefon

Non-Viable Bioaerosol Analysis

Client Project Identification	13270881 Outside 4th Floor Parking			13270872 Outside 4th Floor Parking			13270863 Office 327 By P-K-22			13270849 Office 317 NE Corner		
	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area
Alternaria												
Arthrinium												
Ascospores	51	680	34%	37	493	17%	6	80	25%	8	107	24%
Aureobasidium												
Basidiospores	9	120	6%	9	120	4%				6	80	18%
Botrytis												
Chaetomium	1	13	1%									
Cladosporium	47	627	31%	135	1800	64%	3	40	13%	5	67	15%
Fusarium				1	13	0.5%						
Fragments	4	53	3%	2	27	1%						
Epicoccum												
Nigrospora	2	27	1%									
Penicillium/Aspergillus*	33	440	22%	27	360	13%	14	187	58%	14	187	41%
Pollen	3	40	2%							1	13	3%
Rusts												
Scopulariopsis												
Smuts/Peric/Myxomycetes	1	13	1%				1	13	4%			
Stachybotrys												
Stemphylium												
Torula				1	13	0.5%						
Ulocladium												
Pithomyces												
Total Spores (Cts/m³):	151	2,013		212	2,826		24	320		34	453	
Sample Volume (Liters)	75			75			75			75		
Sample Time Minutes:	5			5			5			5		
Background Debris**	Moderate			Few			Few			Few		

*The spores of *Penicillium/Aspergillus* cannot be differentiated by non-viable sampling methods.

**Fibers, skin fragments and dust are indicated by few, moderate, many, and abundant.

Comments:

Technologist: Rebecca Hutty, *MicroTest Labs™, Inc.*