

Client: EMLab P&K (QA)
 C/O: Report Contact
 Re: Sample Report; Standard Format

Date of Sampling: 12-01-2002 and 03-15-2006
 Date of Receipt: 12-02-2002 and 03-15-2006
 Date of Report: 09-29-2006

MoldSCORE™: Spore Trap Report

Outdoor Sample: 04 Outside

Fungi Identified	Outdoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
Generally able to grow indoors*						
Alternaria					6	80
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					60	800
Curvularia					ND	< 13
Epicoccum					3	40
Nigrospora					ND	< 13
Penicillium/Aspergillus types†					4	53
Stachybotrys					ND	< 13
Stemphylium					1	13
Torula					ND	< 13
Seldom found growing indoors**						
Ascospores††					12	160
Basidiospores††					32	430
Rusts					2	27
Smuts, Periconia, Myxomycetes††					18	240
Total						1,843

Location: 01 Smith's office

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
Generally able to grow indoors*						
Alternaria					3	40
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					6	80
Curvularia					ND	< 13
Epicoccum					2	27
Nigrospora					ND	< 13
Penicillium/Aspergillus types†					38	510
Pithomyces					1	13
Stachybotrys					7	93
Torula					ND	< 13
Ulocladium					8	110
Seldom found growing indoors**						
Ascospores††					2	27
Basidiospores††					4	53
Rusts					1	13
Smuts, Periconia, Myxomycetes††					12	160
Total						1,126

MoldSCORE‡		Score
100	200	
		100
		100
		100
		100
		100
		102
		100
		174
		105
		230
		100
		143
		100
		100
		100
		105
Final MoldSCORE		230

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Location: 02 Rubin's office

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13	100			
Bipolaris/Drechslera group					ND	< 13	100			
Chaetomium	█				2	27	143			
Cladosporium	█				16	210	100			
Curvularia					ND	< 13	100			
Nigrospora					ND	< 13	100			
Penicillium/Aspergillus types†	█	█			22	290	143			
Stachybotrys	█				5	67	199			
Torula					ND	< 13	100			
Ulocladium	█				4	53	121			
Seldom found growing indoors**										
Ascospores††					ND	< 13	100			
Basidiospores††					ND	< 13	100			
Rusts					ND	< 13	100			
Smuts, Periconia, Myxomycetes††	█				4	53	100			
Total						700	Final MoldSCORE 221			

Location: 03 Gregory's office

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria	█				1	13	100			
Bipolaris/Drechslera group					ND	< 13	100			
Chaetomium					ND	< 13	100			
Cladosporium	█				8	110	100			
Curvularia					ND	< 13	100			
Epicoccum	█				1	13	103			
Nigrospora					ND	< 13	100			
Penicillium/Aspergillus types†	█				6	80	111			
Stachybotrys					ND	< 13	100			
Torula					ND	< 13	100			
Seldom found growing indoors**										
Ascospores††					ND	< 13	100			
Basidiospores††	█				4	53	100			
Rusts					ND	< 13	100			
Smuts, Periconia, Myxomycetes††	█				4	53	103			
Total						322	Final MoldSCORE 111			

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MoldSCORE™: Spore Trap Report

Location: 01 Smith's office

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			Score
	<100	1K	10K	>100K			100	200	300	
Generally able to grow indoors*										
Alternaria					3	40				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					6	320				100
Curvularia					ND	< 13				100
Epicoccum					2	27				100
Nigrospora					ND	< 13				100
Penicillium/Aspergillus types†					8	430				162
Pithomyces					1	13				105
Stachybotrys					7	93				230
Torula					ND	< 13				100
Ulocladium					8	110				143
Seldom found growing indoors**										
Ascospores††					2	27				100
Basidiospores††					4	53				100
Rusts					1	13				100
Smuts, Periconia, Myxomycetes††					12	160				101
Total						1,286	Final MoldSCORE			230

Location: 02 Rubin's office

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			Score
	<100	1K	10K	>100K			100	200	300	
Generally able to grow indoors*										
Alternaria					ND	< 13				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					2	27				143
Cladosporium					4	210				100
Curvularia					ND	< 13				100
Nigrospora					ND	< 13				100
Penicillium/Aspergillus types†					6	320				147
Stachybotrys					5	67				199
Torula					ND	< 13				100
Ulocladium					4	53				121
Seldom found growing indoors**										
Ascospores††					ND	< 13				100
Basidiospores††					ND	< 13				100
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes††					4	53				100
Total						730	Final MoldSCORE			221

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MoldSCORE™: Spore Trap Report

Location: 03 Clarke's office

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria	█				1	13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium	█				3	160	█			100
Curvularia					ND	< 13	█			100
Epicoccum	█				1	13	█			102
Nigrospora					ND	< 13	█			100
Penicillium/Aspergillus types†	█				2	110	█			116
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
Seldom found growing indoors**										
Ascospores††					ND	< 13	█			100
Basidiospores††	█				4	53	█			100
Rusts					ND	< 13	█			100
Smuts, Periconia, Myxomycetes††	█				4	53	█			101
Total						402	Final MoldSCORE 116			

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.