SEEML Reference Number:
170210006

Southeast Environmental Microbiology Laboratories
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The information and data for **Terracon** has been checked for thoroughness and accuracy. The following reports are contained within this document:

- ☐ Direct Exam Report
- ☒ Spore Trap Report
- ☐ Quantitative Fungal Report
- ☐ Andersen Fungal Report
- ☐ Quantitative Direct Exam Report

Lab Manager Review: Rafael Berrios Date: 02/10/17

Thank you for using SEEML laboratories. We strive to provide superior quality and service.
SEEML laboratories are AIHA (American Industrial Hygiene Association) Environmental Microbiology Accredited laboratory for only fungal analysis Air-Direct Examination (EMLAP # 173667).

The data within this report is reliable to three significant figures. The third significant figure is technically unjustified. In this instance, the third figure is reported as an estimate to facilitate the interpretation by the customer.

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Guidelines for Interpretation:
No accepted quantitative regulatory standards currently exist by which to assess the health risks related to mold and bacterial exposure. Molds and bacteria have been associated with a variety of health effects and sensitivity varies from person to person.
Several organizations, including: the American Conference of Government Industrial Hygienists (ACGIH); the American Industrial Hygiene Association (AIHA); the Indoor Air Quality Association (IAQA); the United States Environmental Protection Agency (USEPA); the Centers for Disease Control (CDC), as well as the California Department of Health Services (CADHS), have all published guidelines for assessment and interpretation of mold resulting from water intrusion in buildings.

Interpretation of the data and information within this document is left to the company, consultant, and/or persons who conducted the fieldwork.

Spore Trap Report

Attention: Ben Hestir	Date Sampled: 02/08/17
Terracon	Date Received: 02/10/17
72 Pointe Circle	Date Analyzed: 02/10/17
Greenville, SC 29615	Date Reported: 02/10/17
	Date Revised:
	Project Name: CU- Barre Hall
	Project Address: 86127158
	Project City, State, ZIP: Task 81
	SEEML Reference # : 170210006

TEST METHOD: DIRECT MICROSCOPY EXAMINATION AT 400X (100% OF TRACE ANALYZED) SEEML SOP 7

Client Sample ID	2035-1			2035-2			2035-3		
Location	Room 2035 (Wilson)			Room 2037 (Urbaaski)			Grad/ Visitor Office		
Lab Sample ID	170210006-025			170210006-026			170210006-027		
Detection Limit (spores/m^3)	13			13			13		
Hyphal Fragments				1	13				
Pollen									
Spore Trap Used	AOC			AOC			AOC		
	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%
Alternaria									
Ascospores				3	39	38	9	117	69
Basidiospores	6	78	43	3	39	38			
Bipolaris/Drechslera									
Chaetomium									
Cladosporium	1	13	7	2	26	25	1	13	8
Curvularia									
Epicoccum									
Cercospora									
Fusarium									
Memnoniella									
Nigrospora									
Penicillium/Aspergillus	6	78	43				3	39	23
Polythrincium									
Rusts	1	13	7						
Smuts/Periconia/Myxomy									
Spegazzinia									
Stachybotrys									
Stemphylium									
Tetraploa									
Torula									
Ulocladium									
Colorless/Other Brown 2									
Oidium									
Zygomycetes									
Pithomyces									
Background debris (1-5)3	3			3			3		
Sample Volume(liters)	75			75			75		
TOTAL SPORES/M^3	14	**182**		8	**104**		13	**169**	

Comments: Condition of the sample(s) upon receipt: Acceptable.

1=Total % may not equal 100 due to rounding.

2 = Colorless,other Brown are spores without a distinctive morphology on spore traps and non-viable surface samples.

3 = Background debris is the amount of particulate matter present on the slide and is graded from 1-5 with 1 = very light, 2= Light, 3 = Medium, 4 = Heavy, 5 = Very Heavy. The higher the rating the more likelihood spores may be underestimated. A rating of 5 should be interpreted as minimal counts and may actually be higher than reported.

The reporting limit is 1 Spore/sample.

Disclaimer: This report relates only to the samples tested

Respectfully submitted, SEEML

Rafael Berrios

Rafael Berrios, Approved Laboratory Signatory

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AIHA-LAP, LLC EMLAP # 173667

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TEST METHOD: DIRECT MICROSCOPY EXAMINATION AT 400X (100% OF TRACE ANALYZED) SEEML SOP 7

Client Sample ID	2035-4			2035-5			2035-6		
Location	Room 2033 (Sianko)			Mail/ Copy Room			NE Entrance to Barre Hall		
Lab Sample ID	170210006-028			170210006-029			170210006-030		
Detection Limit (spores/m^3)	13			13			13		
Hyphal Fragments	5	65		1	13		1	13	
Pollen							3	39	
Spore Trap Used	AOC			AOC			AOC		
	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%
Alternaria									
Ascospores							117	1520	3
Basidiospores	8	104	38				3286	42700	95
Bipolaris/Drechslera	1	13	5						
Chaetomium									
Cladosporium	6	78	29	12	156	100	9	117	<1
Curvularia									
Epicoccum									
Cercospora									
Fusarium									
Memnoniella									
Nigrospora									
Penicillium/Aspergillus	6	78	29				24	312	<1
Polythrincium									
Rusts							11	143	<1
Smuts/Periconia/Myxomy									
Spegazzinia									
Stachybotrys									
Stemphylium							1	13	<1
Tetraploa									
Torula									
Ulocladium									
Colorless/Other Brown 2									
Oidium									
Zygomycetes									
Pithomyces									
Background debris (1-5)3	3			3			3		
Sample Volume(liters)	75			75			75		
TOTAL SPORES/M^3	21	**273**		12	**156**		3448	**44800**	

Comments: Condition of the sample(s) upon receipt: Acceptable.

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TEST METHOD: DIRECT MICROSCOPY EXAMINATION AT 400X (100% OF TRACE ANALYZED) SEEML SOP 7

Client Sample ID	2035-7								
Location	W Entrance to McAdams Hall								
Lab Sample ID	170210006-031								
Detection Limit (spores/m^3)	13								
Hyphal Fragments	1	13							
Pollen									
Spore Trap Used	AOC								
	raw ct.	spores/m^3	%						
Alternaria									
Ascospores	84	1090	5						
Basidiospores	1581	20600	92						
Bipolaris/Drechslera									
Chaetomium									
Cladosporium	27	351	2						
Curvularia									
Epicoccum									
Cercospora									
Fusarium									
Memnoniella									
Nigrospora									
Penicillium/Aspergillus	15	195	<1						
Polythrincium									
Rusts									
Smuts/Periconia/Myxomy	13	169	<1						
Spegazzinia									
Stachybotrys									
Stemphylium									
Tetraploa									
Torula									
Ulocladium									
Colorless/Other Brown 2									
Oidium									
Zygomycetes									
Pithomyces									
Background debris (1-5)3	3								
Sample Volume(liters)	75								
TOTAL SPORES/M^3	1720	**22400**							

Comments: Condition of the sample(s) upon receipt: Acceptable.

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