SEEML Reference Number:
180411067

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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:

- ☐ Surface/Bulk Report
- ☒ Spore Trap Report
- ☐ Andersen Fungal Report
- ☐ Quantitative Fungal Report

Lab Manager Review: Rafael Berrios Date: 04/11/18

Thank you for using SEEML laboratories. We strive to provide superior quality and service.
SEEML laboratories are accredited through AIHA-LAP, LLC (EMLAP # 173667) for the analysis of Spore Traps and Surface/Bulk Samples.

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.

Confidentiality Notice:
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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

	Date Sampled: 04/10/18
Terracon	Date Received: 04/11/18
72 Pointe Circle	Date Analyzed: 04/11/18
Greenville, SC 29615	Date Reported: 04/11/18
	Date Revised:
	Project Name: Holmes Hall- Rooms 227 & 229
	Project Address: 86127158- Task 137
	Project City, State, ZIP:
	SEEML Reference # : 180411067

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

Client Sample ID	227-1			229-1			Outside-1		
Location	Dorm Room 227- Holmes Hall			Dorm Room 229- Holmes Hall			Outside Main Entrance to Holmes Hall		
Lab Sample ID	180411067-285			180411067-286			180411067-287		
Detection Limit (spores/m^3)	13			13			13		
Hyphal Fragments	3	39		6	78		2	26	
Pollen	2	26		5	65		183	2379	
Spore Trap Used	Allergenco			Allergenco			Allergenco		
	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%
Alternaria	1	13	1						
Ascospores	6	78	9	3	39	6	72	936	42
Basidiospores	39	507	56	24	312	46	66	858	39
Bipolaris/Drechslera									
Chaetomium									
Cladosporium	9	117	13	3	39	6	21	273	12
Curvularia									
Epicoccum									
Cercospora									
Fusarium									
Memnoniella									
Nigrospora									
Penicillium/Aspergillus	15	195	21	18	234	35	9	117	5
Polythrincium									
Rusts				1	13	2	2	26	1
Smuts/Periconia/Myxomy				2	26	4			
Spegazzinia				1	13	2			
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	70	**910**		52	**676**		170	**2210**	

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

Spore Trap Report

	Date Sampled: 04/10/18
Terracon	Date Received: 04/11/18
72 Pointe Circle	Date Analyzed: 04/11/18
Greenville, SC 29615	Date Reported: 04/11/18
	Date Revised:
	Project Name: Holmes Hall- Rooms 227 & 229
	Project Address: 86127158- Task 137
	Project City, State, ZIP:
	SEEML Reference # : 180411067

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

Client Sample ID	Outside- 2								
Location	Outside Edgar Brown University Union Courtyard								
Lab Sample ID	180411067-288								
Detection Limit (spores/m^3)	13								
Hyphal Fragments	1	13							
Pollen	216	2808							
Spore Trap Used	Allergenco								
	raw ct.	spores/m^3	%						
Alternaria									
Ascospores	96	1250	44						
Basidiospores	84	1090	38						
Bipolaris/Drechslera									
Chaetomium									
Cladosporium	15	195	7						
Curvularia									
Epicoccum	5	65	2						
Cercospora									
Fusarium									
Memnoniella									
Nigrospora									
Penicillium/Aspergillus	18	234	8						
Polythrincium	1	13	<1						
Rusts	1	13	<1						
Smuts/Periconia/Myxomy	1	13	<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	221	**2870**							

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

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