SEEML Reference Number:
180315067

Southeast Environmental Microbiology Laboratories
102 Edinburgh Court
Greenville, SC 29607
Phone: (864) 233-3770
FAX: (864) 233-6589

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: 03/15/18

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: 03/14/18
Terracon	Date Received: 03/15/18
72 Pointe Circle	Date Analyzed: 03/15/18
Greenville, SC 29615	Date Reported: 03/15/18
	Date Revised:
	Project Name: 86127158- Task 134
	Project Address: Lightsey Bridge Bldg 7 Unit 1C
	Project City, State, ZIP: Clemson, SC.
	SEEML Reference # : 180315067

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

Client Sample ID	LB71C1			LB71C2			LB71C3		
Location	Bathroom Sink			Rear Bedroom Bookcase			Kitchen Bar		
Lab Sample ID	180315067-217			180315067-218			180315067-219		
Detection Limit (spores/m^3)	13			13			13		
Hyphal Fragments	3	39		1	13		2	26	
Pollen									
Spore Trap Used	Allergenco			Allergenco			Allergenco		
	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%
Alternaria									
Ascospores							3	39	4
Basidiospores	12	156	19	12	156	22	3	39	4
Bipolaris/Drechslera									
Chaetomium									
Cladosporium	3	39	5	9	117	17	6	78	8
Curvularia							1	13	1
Epicoccum	1	13	2						
Cercospora									
Fusarium									
Memnoniella									
Nigrospora									
Penicillium/Aspergillus	45	585	71	33	429	61	57	741	80
Polythrincium									
Rusts									
Smuts/Periconia/Myxomy	1	13	2				1	13	1
Spegazzinia									
Stachybotrys									
Stemphylium									
Tetraploa									
Torula									
Ulocladium									
Colorless/Other Brown 2									
Oidium									
Zygomycetes									
Pithomyces	1	13	2						
Background debris (1-5)3	3			3			3		
Sample Volume(liters)	75			75			75		
TOTAL SPORES/M^3	63	**819**		54	**702**		71	**923**	

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

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Greenville, SC 29615	Date Reported: 03/15/18
	Date Revised:
	Project Name: 86127158- Task 134
	Project Address: Lightsey Bridge Bldg 7 Unit 1C
	Project City, State, ZIP: Clemson, SC.
	SEEML Reference # : 180315067

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

Client Sample ID	LB71C8			LB71C9			LB71C10		
Location	Exterior 1			Exterior 2			Blank		
Lab Sample ID	180315067-220			180315067-221			180315067-222		
Detection Limit (spores/m^3)	13			13			#DIV/0!		
Hyphal Fragments				1	13				
Pollen									
Spore Trap Used	Allergenco			Allergenco			Allergenco		
	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%
Alternaria									
Ascospores									
Basidiospores	6	78	15	9	117	29			
Bipolaris/Drechslera									
Chaetomium									
Cladosporium	1	13	3	3	39	10	None		
Curvularia							Detected		
Epicoccum									
Cercospora									
Fusarium									
Memnoniella									
Nigrospora									
Penicillium/Aspergillus	33	429	83	18	234	58			
Polythrincium									
Rusts									
Smuts/Periconia/Myxomy				1	13	3			
Spegazzinia									
Stachybotrys									
Stemphylium									
Tetraploa									
Torula									
Ulocladium									
Colorless/Other Brown 2									
Oidium									
Zygomycetes									
Pithomyces									
Background debris (1-5)3	3			3					
Sample Volume(liters)	75			75			0		
TOTAL SPORES/M^3	40	**520**		31	**403**				

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

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