

Client: SmithCo Engineering Group
 C/O: Sean Smith
 Re: SMC1 101617-01; Clearview Regional

Date of Sampling: 10-15-2017
 Date of Receipt: 10-16-2017
 Date of Report: 10-17-2017

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	S9404: 0001-Rm 605-Center of Classroom			S9405: 0002-Rm 400-Middle of Classroom		
Comments (see below)	None			None		
Lab ID-Version‡:	8494304-1			8494305-1		
Analysis Date:	10/17/2017			10/17/2017		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria						
Ascospores						
Basidiospores	2	25	270	2	25	270
Bipolaris/Drechslera group						
Cercospora						
Chaetomium						
Cladosporium						
Curvularia						
Epicoccum	1	100	33	1	100	33
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†				4	25	530
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes				2	100	67
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+			2+		
Hyphal fragments/m3	< 33			< 33		
Pollen/m3	< 33			< 33		
Skin cells (1-4+)	1+			1+		
Sample volume (liters)	30			30		
§ TOTAL SPORES/m3			300			900

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m³ divided by the raw count, expressed in spores/m³. The limit of detection is the analytical sensitivity (in spores/m³) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

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SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	S9406: 0003-Courtyard outside Rm 605			S9407: 0004-Rm 602-Center of Classroom		
Comments (see below)	None			None		
Lab ID-Version‡:	8494306-1			8494307-1		
Analysis Date:	10/17/2017			10/17/2017		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
<i>Alternaria</i>						
Ascospores	11	25	1,500	1	25	130
Basidiospores	22	25	2,900	2	25	270
<i>Bipolaris/Drechslera</i> group						
<i>Cercospora</i>	7	100	230			
<i>Chaetomium</i>						
<i>Cladosporium</i>	48	25	6,400	10	25	1,300
<i>Curvularia</i>						
<i>Epicoccum</i>	7	100	230			
<i>Nigrospora</i>	1	100	33			
Other colorless						
<i>Penicillium/Aspergillus</i> types†						
<i>Pithomyces</i>						
Rusts						
Smuts, Periconia, Myxomycetes	8	100	270			
<i>Stachybotrys</i>						
<i>Stemphylium</i>						
<i>Torula</i>						
<i>Ulocladium</i>						
<i>Zygomycetes</i>						
Background debris (1-4+)††	2+			1+		
Hyphal fragments/m3	< 33			< 33		
Pollen/m3	67			< 33		
Skin cells (1-4+)	< 1+			1+		
Sample volume (liters)	30			30		
§ TOTAL SPORES/m3			12,000			1,700

Comments:

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Location:	S9408: 0005-Room 111			S9409: 0006-Courtyard outside 111		
Comments (see below)	None			None		
Lab ID-Version‡:	8494308-1			8494309-1		
Analysis Date:	10/17/2017			10/17/2017		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria				12	25	1,600
Ascospores						
Basidiospores				64	25	8,500
Bipolaris/Drechslera group						
Cercospora				4	100	130
Chaetomium						
Cladosporium	1	25	130	178	25	24,000
Curvularia				5	100	170
Epicoccum				10	25	1,300
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces				15	25	2,000
Rusts						
Smuts, Periconia, Myxomycetes				14	25	1,900
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	1+			2+		
Hyphal fragments/m3	< 33			< 33		
Pollen/m3	< 33			< 33		
Skin cells (1-4+)	1+			< 1+		
Sample volume (liters)	30			30		
§ TOTAL SPORES/m3			130			39,000

Comments:

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Location:	S9410: 0007-Rm 304 Center of room			S9411: 0008-Outside room 304 & 306 Ambient		
Comments (see below)	None			None		
Lab ID-Version‡:	8494310-1			8494311-1		
Analysis Date:	10/17/2017			10/17/2017		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria	3	100	100	3	100	100
Ascospores				18	25	2,400
Basidiospores	1	25	130	20	25	2,700
Bipolaris/Drechslera group	5	100	170	12	100	400
Cercospora				3	100	100
Chaetomium						
Cladosporium	2	25	270	39	25	5,200
Curvularia	1	100	33			
Epicoccum	3	100	100	5	100	170
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces	1	100	33	2	100	67
Rusts						
Smuts, Periconia, Myxomycetes	29	100	970	6	100	200
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+			1+		
Hyphal fragments/m3	< 33			< 33		
Pollen/m3	< 33			< 33		
Skin cells (1-4+)	< 1+			< 1+		
Sample volume (liters)	30			30		
§ TOTAL SPORES/m3			1,800			11,000

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Location:	S9412: 0009-Control/Blank		
Comments (see below)	None		
Lab ID-Version‡:	8494312-1		
Analysis Date:	10/17/2017		
	raw ct.	% read	spores/m3
Alternaria			
Ascospores			
Basidiospores			
Bipolaris/Drechslera group			
Cercospora			
Chaetomium			
Cladosporium			
Curvularia			
Epicoccum			
Nigrospora			
Other colorless			
Penicillium/Aspergillus types†			
Pithomyces			
Rusts			
Smuts, Periconia, Myxomycetes			
Stachybotrys			
Stemphylium			
Torula			
Ulocladium			
Zygomycetes			
Background debris (1-4+)††	None		
Hyphal fragments/m3	< 33		
Pollen/m3	< 33		
Skin cells (1-4+)	None		
Sample volume (liters)	30		
§ TOTAL SPORES/m3			< 33

Comments:

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