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EMSL Order: 031827699

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Project ID:

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Collected: 10/05/2018

Received: 10/06/2018

Analyzed: 10/06/2018

Project: 18-03559/ LYNDHURST BOE/ MEMORIAL ROOM #10/ 319 NEW YORK AVENUE/ LYNDHURST, NJ/
FOLLOW UP REMEDIATION

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	031827699-0001			031827699-0002			031827699-0003		
Client Sample ID:	14			15-A			15-B		
Volume (L):	75			75			75		
Sample Location	CENTER OF ROOM #10			OUTDOOR AMBIENT			HALLWAY OUTSIDE ROOM #10		
Spore Types	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	4	200	12.3	85	3700	10.8	-	-	-
Aspergillus/Penicillium	1	40	2.5	6	300	0.9	-	-	-
Basidiospores	28	1200	74.1	627	27400	80.2	20	870	87
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	3	100	6.2	53	2300	6.7	2	90	9
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	1	40	2.5	6	300	0.9	-	-	-
Myxomycetes++	1	40	2.5	2	90	0.3	1	40	4
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Cercospora++	-	-	-	1	40	0.1	-	-	-
Pestalotia/Pestalotiopsis	-	-	-	2*	30*	0.1	-	-	-
Polythrincium	-	-	-	1*	10*	0	-	-	-
Total Fungi	38	1620	100	783	34170	100	23	1000	100
Hyphal Fragment	-	-	-	5	200	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	1	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Joseph Reynolds, Lead Technical Manager of Microbiology
or other approved signatory

No discernable field blank was submitted with this group of samples.

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. *** Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--EMLAP Lab 102581

Initial report from: 10/06/2018 18:31:34

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com