165 Gracey Avenue Meriden, CT 06451 Tel/Fax: (203) 284-5948 / (203) 284-5978 http://www.EMSL.com / meridenlab@emsl.com
 EMSL Order:
 242304509

 Customer ID:
 ATCE54

 Customer PO:
 19-10133-0001

 Project ID:

Attention: Doug Rhoads Atlas Technical 290 Roberts Street Suite 301

East Hartford, CT 06108

Project: ASNUNTUCK CC/ 4762623005-2ND PHASE IAQ

Phone: (860) 549-7495 Fax: (860) 282-9826 Collected Date: 08/24/2023 Received Date: 08/24/2023 12:10 PM Analyzed Date: 08/25/2023

Test Report:Air-			oores & Partic					,		
Lab Sample Number:	2	42304509-0001		242304509-0002 2			242304509-0003 3			
Client Sample ID: Volume (L):	1 75			2 75			75			
Sample Location:		OUTSIDE 1		FA	FACULTY SUITE D			146A CHEM STORAGE		
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	35	1500	2.9	4	200	12	3	100	3.6	
Aspergillus/Penicillium	-	-	-	-	-	-	6	300	10.9	
Basidiospores	1100	48600	94.7	32	1400	83.8	50	2200	80.3	
Bipolaris++	-	-	-	-	-	-	-	-	-	
Chaetomium++	-	-	-	-	-	-	-	-	-	
Cladosporium	3	100	0.2	1	40	2.4	1	40	1.5	
Curvularia	-	-	-	-	-	-	-	-	-	
Epicoccum	-	-	-	-	-	-	-	-	-	
Fusarium++	-	-	-	-	-	-	-	-	-	
Ganoderma	24	1100	2.1	-	-	-	3	100	3.6	
Myxomycetes++	-	-	-	-	-	-	-	-	-	
Pithomyces++	-	-	-	-	-	-	-	-	-	
Rust	-	-	-	2*	30*	1.8	-	-	-	
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-	
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-	
Unidentifiable Spores	-	-	-	-	-	-	-	-	-	
Zygomycetes	-	-	-	-	-	-	-	-	-	
Nigrospora	1*	10*	0	-	-	-	-	-	-	
Torula++	1*	10*	0	-	-	-	-	-	-	
Total Fungi	1164	51320	100	39	1670	100	63	2740	100	
Hyphal Fragment	-	-	-	-	-	-	-	-	-	
Insect Fragment	-	-	-	-	-	-	-	-	-	
Pollen	-	-	-	1	40	-	1	40	-	
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-	
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-	
Skin Fragments (1-4)	-	1	-	-	3	-	-	2	-	
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.

Gloria V. Oriol-Aguilar, Microbiology Director or other Approved Signatory

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

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Samples analyzed by EMSL Analytical, Inc. Rochester, NY AIHA LAP, LLC-EMLAP Accredited #284534

Initial report from: 08/25/2023 04:03 PM

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

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Attention: Doug Rhoads Atlas Technical

290 Roberts Street Suite 301 East Hartford, CT 06108

Project: ASNUNTUCK CC/ 4762623005-2ND PHASE IAQ

Phone: (860) 549-7495 Fax: (860) 282-9826 Collected Date: 08/24/2023 Received Date: 08/24/2023 12:10 PM Analyzed Date: 08/25/2023

Test Report:Air-	D-Cell(™) Analy	sis of Fungal S	pores & Partic	ulates by Optica	I Microscopy (N	Methods MICR	O-SOP-201, AST	M D7391)	
Lab Sample Number: Client Sample ID: Volume (L):				242304509-0005 5 75			242304509-0006 6 75		
Sample Location:		146 CHEM		CHEM. BALANCING ROOM			148A PREP ROOM		
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	3	100	6.2	3	100	4.8	4	200	7.1
Aspergillus/Penicillium	-	-	-	23	1000	48.3	1	40	1.4
Basidiospores	33	1500	93.2	18	800	38.6	56	2500	88.3
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	1	40	1.9	1	40	1.4
Curvularia	-	-	-	-	-	-	1*	10*	0.4
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	1*	10*	0.6	2	90	4.3	1	40	1.4
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	1	40	1.9	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-
Torula++	-	-	-	-	-	-	-	-	-
Total Fungi	37	1610	100	48	2070	100	64	2830	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	2	-	-	3	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	2	-	-	1	-

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

Gloria V. Oriol-Aguilar, Microbiology Director or other Approved Signatory

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

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Initial report from: 08/25/2023 04:03 PM

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Attention: Doug Rhoads Atlas Technical

290 Roberts Street Suite 301 East Hartford, CT 06108 Project: ASNUNTUCK CC/ 4762623005-2ND PHASE IAQ Phone: (860) 549-7495 Fax: (860) 282-9826 Collected Date: 08/24/2023 Received Date: 08/24/2023 12:10 PM Analyzed Date: 08/25/2023

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)										
Lab Sample Number: Client Sample ID: Volume (L):	242304509-0007 7 75			242304509-0008 8 75			242304509-0009 9 75			
Sample Location:	148 BIO				150A			226		
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	3	100	4.3	1*	10*	2	1	40	3.4	
Aspergillus/Penicillium	-	-	-	-	-	-	4	200	17.2	
Basidiospores	43	1900	82.6	11	490	96.1	19	840	72.4	
Bipolaris++	-	-	-	-	-	-	-	-	-	
Chaetomium++	-	-	-	-	-	-	-	-	-	
Cladosporium	-	-	-	-	-	-	-	-	-	
Curvularia	-	-	-	-	-	-	-	-	-	
Epicoccum	-	-	-	-	-	-	-	-	-	
Fusarium++	-	-	-	-	-	-	-	-	-	
Ganoderma	6	300	13	1*	10*	2	1	40	3.4	
Myxomycetes++	-	-	-	-	-	-	1	40	3.4	
Pithomyces++	-	-	-	-	-	-	-	-	-	
Rust	-	-	-	-	-	-	-	-	-	
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-	
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-	
Unidentifiable Spores	-	-	-	-	-	-	-	-	-	
Zygomycetes	-	-	-	-	-	-	-	-	-	
Nigrospora	-	-	-	-	-	-	-	-	-	
Torula++	-	-	-	-	-	-	-	-	-	
Total Fungi	52	2300	100	13	510	100	26	1160	100	
Hyphal Fragment	-	-	-	-	-	-	-	-	-	
Insect Fragment	-	-	-	-	-	-	-	-	-	
Pollen	-	-	-	-	-	-	1*	10*	-	
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-	
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-	
Skin Fragments (1-4)	-	2	-	-	1	-	-	2	-	
Fibrous Particulate (1-4)	-	1	-	-	-	-	-	1	-	
Background (1-5)	-	1	-	-	1	-	-	1	-	

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

Gloria V. Oriol-Aguilar, Microbiology Director or other Approved Signatory

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

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Test Report:Air-			oores & Partic			Methods MICR				
Lab Sample Number:	242304509-0010 10 75			242304509-0011 11 75			242304509-0012 12			
Client Sample ID: Volume (L):							75			
Sample Location:		226D		226A			226B			
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	2	90	8.8	1	40	1.8	3	100	4	
Aspergillus/Penicillium	7	300	29.4	3	100	4.5	-	-	-	
Basidiospores	13	570	55.9	39	1700	75.9	53	2300	92.4	
Bipolaris++	-	-	-	-	-	-	-	-	-	
Chaetomium++	-	-	-	-	-	-	-	-	-	
Cladosporium	-	-	-	6	300	13.4	-	-	-	
Curvularia	-	-	-	-	-	-	-	-	-	
Epicoccum	-	-	-	-	-	-	-	-	-	
Fusarium++	-	-	-	-	-	-	-	-	-	
Ganoderma	1	40	3.9	1*	10*	0.4	2	90	3.6	
Myxomycetes++	1*	10*	1	2	90	4	-	-	-	
Pithomyces++	-	-	-	-	-	-	-	-	-	
Rust	-	-	-	-	-	-	-	-	-	
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-	
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-	
Unidentifiable Spores	1*	10*	1	-	-	-	-	-	-	
Zygomycetes	-	-	-	-	-	-	-	-	-	
Nigrospora	-	-	-	-	-	-	-	-	-	
Torula++	-	-	-	-	-	-	-	-	-	
Total Fungi	25	1020	100	52	2240	100	58	2490	100	
Hyphal Fragment	1	40	-	1	40	-	1	40	-	
Insect Fragment	-	-	-	-	-	-	-	-	-	
Pollen	1*	10*	-	-	-	-	-	-	-	
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-	
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-	
Skin Fragments (1-4)	-	3	-	-	2	-	-	2	-	
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-	
Background (1-5)	-	1	-	-	1	-	-	2	-	

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

Gloria V. Oriol-Aguilar, Microbiology Director or other Approved Signatory

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Test Report:Air-			pores & Partic				D-SOP-201, AST	M D7391)	
Lab Sample Number: Client Sample ID:	242304509-0013 13			2	42304509-0014 14				
Volume (L):		75			75				
Sample Location:		216			OUTSIDE 2				
Spore Types	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total	-	-	-
Alternaria (Ulocladium)	-	-	· -	-	-	· -		-	-
Ascospores	1	40	11.8	32	1400	4.9			
Aspergillus/Penicillium	-	-	-	5	200	0.7			
Basidiospores	7	300	88.2	589	26000	91.4			
Bipolaris++	-	-	-	-	-	-			
Chaetomium++	-	-	-	-	-	-			
Cladosporium	-	-	-	5	200	0.7			
Curvularia	-	-	-	-	-	-			
Epicoccum	-	-	-	-	-	-			
Fusarium++	-	-	-	-	-	-			
Ganoderma	-	-	-	12	530	1.9			
Myxomycetes++	-	-	-	-	-	-			
Pithomyces++	-	-	-	1*	10*	0			
Rust	-	-	-	2*	30*	0.1			
Scopulariopsis/Microascus	-	-	-	-	-	-			
Stachybotrys/Memnoniella	-	-	-	-	-	-			
Unidentifiable Spores	-	-	-	2	90	0.3			
Zygomycetes	-	-	-	-	-	-			
Nigrospora	-	-	-	-	-	-			
Torula++	-	-	-	-	-	-			
Total Fungi	8	340	100	648	28460	100			
Hyphal Fragment	-	-	-	-	-	-			
Insect Fragment	-	-	-	-	-	-			
Pollen	-	-	-	2	90	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-			
Analyt. Sensitivity 300x	-	13*	-	-	13*	-			
Skin Fragments (1-4)	-	2	-	-	1	-			
Fibrous Particulate (1-4)	-	1	-	-	1	-			
Background (1-5)	-	1	-	-	1	-			

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

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