



Monomoy Regional Middle School Air Quality Testing Report

Reason for Testing: Staff Concerns

Date of Testing: November 4, 2024

Description: Air tests from room E119

Conducted By: Frank Zelinski of Safe-n-Dry

Summary of Findings: Some levels of Aspergillus detected, some other spore type levels similar or lower than control (exterior) tests.

District Response: Enhanced cleaning of room.

Repair to flooring beneath cabinet (gap in concrete slab).

Replacement of window sills.

Customer: Healthy Fresh Air
15 Pine Ridge Lane. Orleans, MA 02653
clearairtobreathe@gmail.com/774-216-9006

Laboratory Analysis Report

Project Information:	Monomoy Middle School 425 Crowell Rd Chatham, MA 02633
Order Number:	2024-14618
Received Date:	November 07, 2024
Analysis Date:	November 07, 2024

Katiuska Acosta

Katiuska Acosta, Laboratory Director or other approved signatory

The results presented pertain only to the samples as presented in the attached Chain of Custody. This report will not be reproduced except in its entirety and with the written approval of NexLab Environmental, LLC. Samples were received in good condition unless otherwise noted in the report. The use or interpretation of the results of laboratory analyses is the exclusive responsibility of the company and/or the individuals who conducted the sampling and does not imply any responsibility on the part of NexLab. It is important to note that neither the EPA nor OSHA have established standards for mold or mildew levels in indoor environments, and NexLab Environmental, LLC makes no express or implied warranties regarding the health of a property based solely on samples submitted to its laboratory for analysis. Any opinions or interpretations expressed in this report are outside the scope of A2LA accreditation. .





Spore Trap Analysis-ASTM

Sample ID:	2024-14618-1	2024-14618-2	2024-14618-3
Origin:	Exterior of E119	Back exterior	Exterior Front of school
Volume Sampled (L):	75 L	75 L	75 L
Media:	My Mold Detective	My Mold Detective	My Mold Detective
Percent of Trace Analyzed:	100% of 600X Magnification	100% of 600X Magnification	100% of 600X Magnification
Conclusion:	Control	Elevated	Elevated

Spore Types	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%
Ascospores	-	-	-	23	306	21	26	346	24
Aspergillus/Penicillium-Like	-	-	-	5	66	4	-	-	-
Basidiospores	11	146	6	-	-	-	3	40	3
Bipolaris/Dreschlera	3	40	2	-	-	-	-	-	-
Cladosporium	38	506	21	78	1040	70	74	986	69
Epicoecum	51	680	28	-	-	-	3	40	3
Nigrospora	1	13	<1	-	-	-	-	-	-
Pithomyces	-	-	-	-	-	-	1	13	<1
Rust	46	613	25	6	80	5	1	13	<1
Smut/Myxomyces/Periconia	35	466	19	-	-	-	-	-	-
Total Spores	185	2466	-	112	1493	-	108	1440	-
Hyphal Fragments	-	-	-	20	266	-	5	66	-
Pollen	-	-	-	2	26	-	1	13	-
Debris Rating	2			2			2		
Detection Limit	13.3333			13.3333			13.3333		

Detection Limit:

Based on the volume of air sampled, this is the lowest number of spores that can be detected and is an estimate of the lowest concentration of spores that can be read in the sample. Debris Rating is due to the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts. The categories 0-5 for Accurate Count, are used to indicate the amount of observed debris, with 1 indicating the lowest amount of debris, and 5 indicating an overloaded sample. Spores that were observed from the samples submitted are listed on this report. If a spore is not listed on this report, it was not observed in the samples submitted

Conclusion Interpretations: The conclusions are intended to help the client understand the results of the analysis report, but do not recommend in any manner health consequences or financial choices derived from the results. The mold analysis is one component of an inspector's evaluation and may be used in conjunction with other findings such as water leaks, excess humidity and damages to the property which may promote the growth of mold. "The opinions/interpretations identified/expressed in this report are outside the scope of this organization's A2LA accreditation."

The "Control" is an outdoor air sample taken adjacent to the property tested to provide a baseline of factors or expected range including spore count and type of spores present when the indoor samples are collected.

"Elevated" means that these factors when compared to the "Control" are higher than expected. Most commonly associated fungi with water issues that are of known potential harm include, but are not limited to: *Chaetomium*, *Stachybotrys*, *Memnoniella*, *Trichoderma*, *Fusarium* and *Aspergillus*.

"Not Elevated" means that the quantity and/or the diversity of spores are lower than the control.

"NA" (Not Applicable) means no control sample was submitted, so no baseline was established.

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Spore Trap Analysis-ASTM

Sample ID:	2024-14618-4	2024-14618-5	2024-14618-6
Origin:	Front right by desk area	Center of class E119	by sink E119
Volume Sampled (L):	75 L	75 L	75 L
Media:	My Mold Detective	My Mold Detective	My Mold Detective
Percent of Trace Analyzed:	100% of 600X Magnification	100% of 600X Magnification	100% of 600X Magnification
Conclusion:	Not Elevated	Elevated	Elevated

Spore Types	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%
Ascospores	-	-	-	33	440	16	29	386	20
Aspergillus/Penicillium-Like	-	-	-	101	1346	49	41	546	28
Basidiospores	7	93	70	22	293	11	6	80	4
Bipolaris/Dreschlera	-	-	-	-	-	-	-	-	-
Cladosporium	2	26	20	49	653	24	68	906	47
Epicoccum	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-
Pithomyces	-	-	-	-	-	-	-	-	-
Rust	1	13	10	-	-	-	-	-	-
Smut/Myxomyces/Periconia	-	-	-	-	-	-	-	-	-
Total Spores	10	133	-	205	2733	-	144	1920	-
Hyphal Fragments	-	-	-	19	253	-	6	80	-
Pollen	-	-	-	6	80	-	-	-	-
Debris Rating	2			3			2		
Detection Limit	13.3333			13.3333			13.3333		

Detection Limit:

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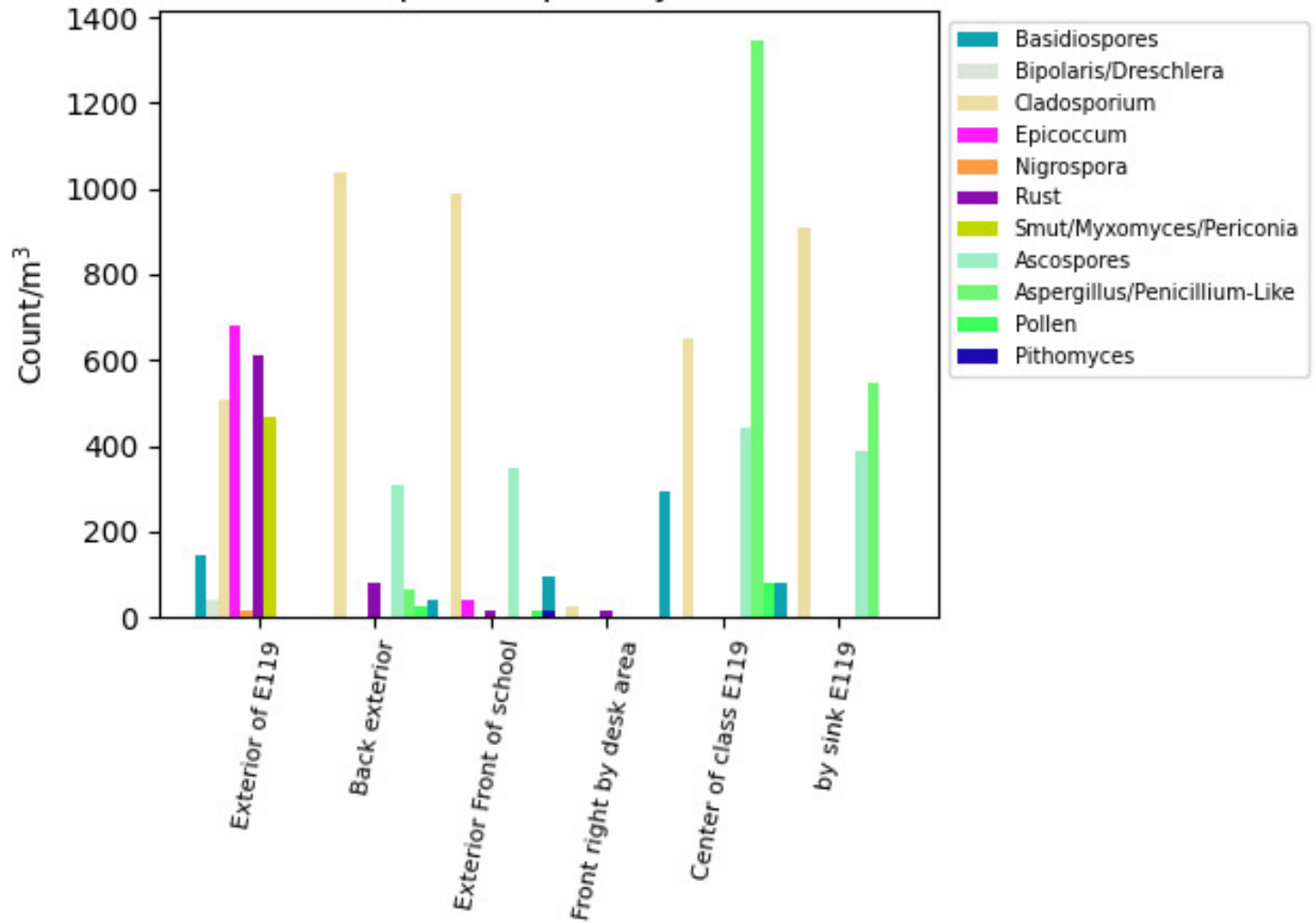
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Spore Trap Analysis



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