

Monomoy Regional Middle School Air Quality Testing Report

Reason for Testing: Summer 2024 Post-Remediation Testing

Date of Testing: August 21, 2024

Description: Testing to confirm success of remediation

Conducted By: Frank Zelinski of Safe-n-Dry

Summary of Findings: Improved air quality and no evidence of stachybotrys. Some areas continue to have elevated levels of Aspergillus and Cladosporium.

District Response: Continue with increased surface cleaning of targeted areas. Installation of air purifiers.

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

Laboratory Analysis Report

Project Information:	Monomoy Regional Middle School 425 Crowell Rd Chatham, MA 02633
Order Number:	2024-13765
Received Date:	August 27, 2024
Analysis Date:	August 27, 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:	2024-13765-12
Origin:	320564
Volume Sampled (L):	75 L
Media:	My Mold Detective
Percent of Trace Analyzed:	100% of 600X Magnification
Conclusion:	

Spore Types	Raw Count	Count/m ³	%
Ascospores	33	440	37
Aspergillus/Penicillium-Like	41	546	46
Cladosporium	15	200	17
Ganoderma	1	13	1
Total Spores	90	1200	-
Pollen	2	26	-
Debris Rating	2		
Detection Limit	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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Swab Analysis-SOP-004

Sample ID:	2024-13765-1	2024-13765-2	2024-13765-3
Origin:	Main office hall window header	Main Office below Split AC	Principal bookcase
Area Swabbed:	1 sqcm	1 sqcm	1 sqcm
Media:	Swab-Mold	Swab-Mold	Swab-Mold
Percent of Trace Analyzed:	Analyzed at 600X Magnification	Analyzed at 600X Magnification	Analyzed at 600X Magnification

Spore Types	Category	Category	Category
Ascospores	Low	-	-
Aspergillus/Penicillium-Like	High	-	Low
Basidiospores	Low	Low	-
Cladosporium	Low	High	-
Epicoccum	Low	-	-
Ulocladium	Low	-	-
Hyphal Fragments	Low	Low	-
Background Debris	Medium	Medium	Low
Nigrospora	-	-	-
Comments:			

Category Count: Based on the amount of spores observed. Not Present: (0), Very Low: (1-9), Low (10 -100), Medium (101-1000), High (>1000). N/A means not applicable.

Background Debris: Based on the amount of debris observed occluding the field of view.

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.

N/A means not applicable.

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Swab Analysis-SOP-004

Sample ID:	2024-13765-4	2024-13765-5	2024-13765-6
Origin:	Principal window sill	Principle Conference	Main Office copier room
Area Swabbed:	1 sqcm	1 sqcm	1 sqcm
Media:	Swab-Mold	Swab-Mold	Swab-Mold
Percent of Trace Analyzed:	Analyzed at 600X Magnification	Analyzed at 600X Magnification	Analyzed at 600X Magnification

Spore Types	Category	Category	Category
Ascospores	-	-	-
Aspergillus/Penicillium-Like	-	High	High
Basidiospores	-	-	-
Cladosporium	High	Low	Low
Epicoccum	-	-	-
Ulocladium	-	-	-
Hyphal Fragments	High	Low	Medium
Background Debris	Medium	Medium	Medium
Nigrospora	Low	-	-
Comments:			

Category Count: Based on the amount of spores observed. Not Present: (0), Very Low: (1-9), Low (10 -100), Medium (101-1000), High (>1000). N/A means not applicable.

Background Debris: Based on the amount of debris observed occluding the field of view.

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Swab Analysis-SOP-004

Sample ID:	2024-13765-7	2024-13765-8	2024-13765-9
Origin:	Ms Jordan rm 111 window Header	Ms Jordan Rm 111 top of cabinet	Sgt Massey window sill
Area Swabbed:	1 sqcm	1 sqcm	1 sqcm
Media:	Swab-Mold	Swab-Mold	Swab-Mold
Percent of Trace Analyzed:	Analyzed at 600X Magnification	Analyzed at 600X Magnification	Analyzed at 600X Magnification

Spore Types	Category	Category	Category
Ascospores	-	Low	-
Aspergillus/Penicillium-Like	High	Low	High
Basidiospores	-	-	-
Cladosporium	High	High	Low
Epicoccum	-	-	-
Ulocladium	-	-	-
Hyphal Fragments	Medium	High	Medium
Background Debris	High	High	Medium
Nigrospora	-	-	-
Comments:			

Category Count: Based on the amount of spores observed. Not Present: (0), Very Low: (1-9), Low (10 -100), Medium (101-1000), High (>1000). N/A means not applicable.

Background Debris: Based on the amount of debris observed occluding the field of view.

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.

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Swab Analysis-SOP-004

Sample ID:	2024-13765-10	2024-13765-11
Origin:	Sgt Massey door header	Room E114
Area Swabbed:	1 sqcm	1 sqcm
Media:	Swab-Mold	Swab-Mold
Percent of Trace Analyzed:	Analyzed at 600X Magnification	Analyzed at 600X Magnification

Spore Types	Category	Category
Ascospores	-	-
Aspergillus/Penicillium-Like	-	-
Basidiospores	-	-
Cladosporium	Low	High
Epicoccum	-	-
Ulocladium	-	-
Hyphal Fragments	Low	High
Background Debris	Low	High
Nigrospora	-	-
Comments:		

Category Count: Based on the amount of spores observed. Not Present: (0), Very Low: (1-9), Low (10 -100), Medium (101-1000), High (>1000). N/A means not applicable.

Background Debris: Based on the amount of debris observed occluding the field of view.

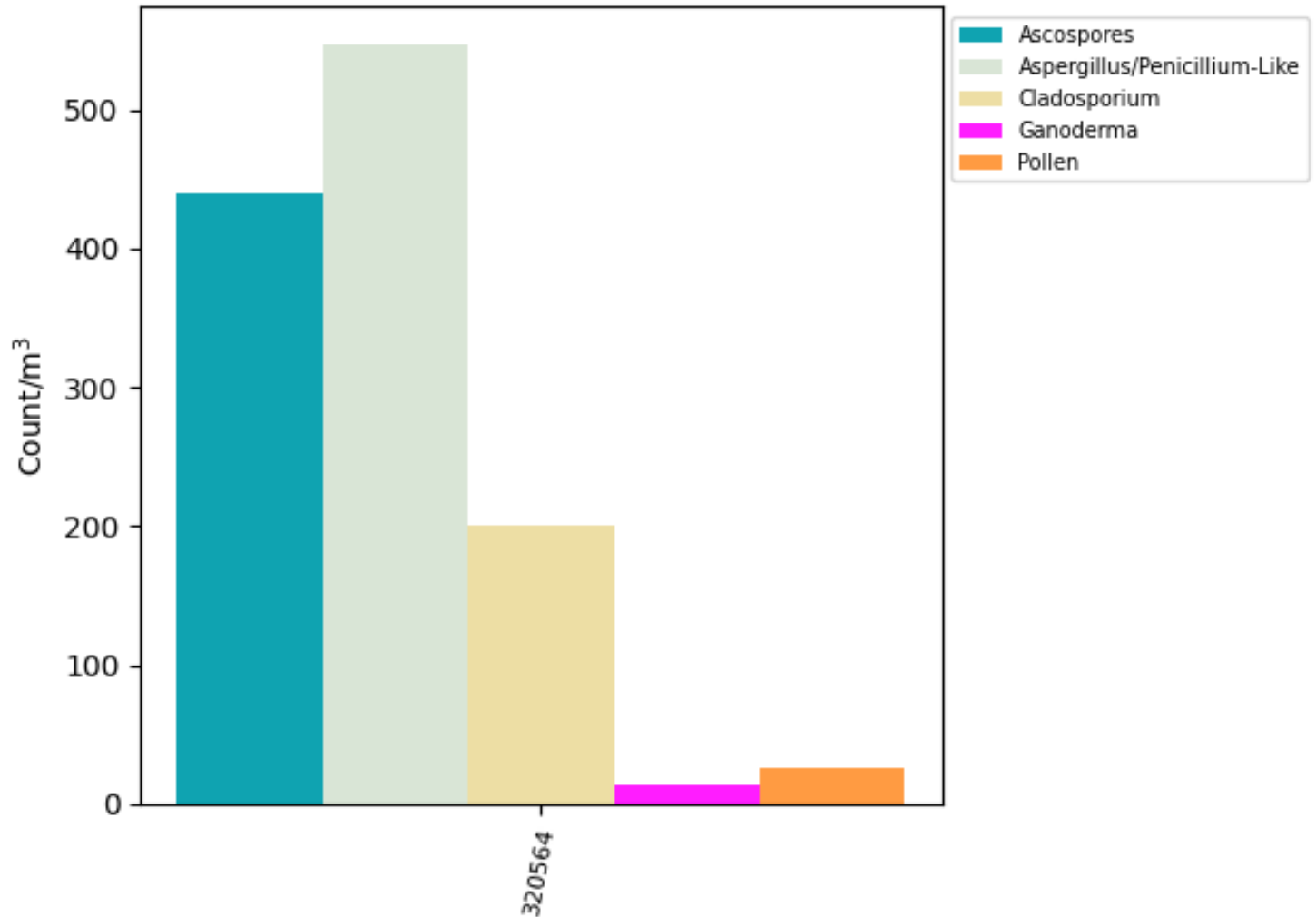
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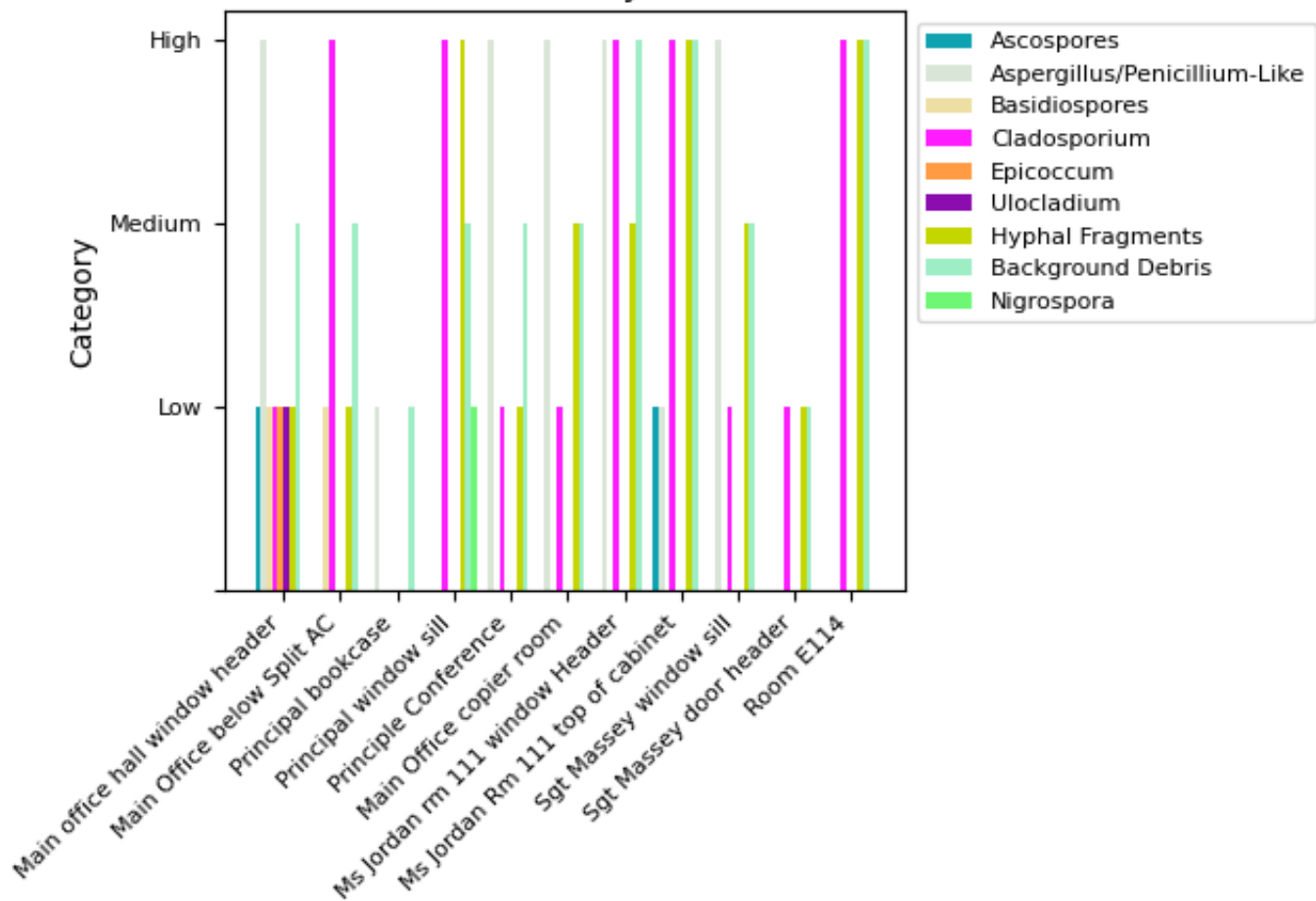
Spore Trap Analysis



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Swab Analysis



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