

February 14th , 2023

Mrs. Jami Turner
7607 Creekbluff Dr.
Austin, Texas

Re: Clearance Inspection (Upstairs Living/Utility Area)
7607 Creekbluff Dr.
Austin, Texas
AAB Project #: 223-003

Dear Mrs. Turner,

As per your request, Austin Air Biology ("AAB") has performed Clearance Assessment at the above referenced inspection area. The purpose of the assessment was to determine the effectiveness of the remedial activities. The following paragraphs outline the findings of our assessment.

Visual Assessment & Event History:

Austin Air Biology staff performed a visual inspection and sampling event on February 10th , 2023. The following summarizes the results of the inspection. Representative photographs are included in the attachments.

1. AAB staff visually inspected the exposed wall cavities. No mold damage was observed within the exposed wall cavities. See the attached photos
2. The remaining interior ceiling/wall materials were scanned with an infrared camera. No significant temperature abnormalities (wet areas) were observed in the images of the work area. Moisture content readings fell within a normal range of 0 to 12% (all work areas). See the attached moisture content reading photos
3. According to the client, the plumbing issues have been repaired.

Sampling & Results:

A total of three (3) spore trap cassette samples and one (1) surface samples were collected within and outside the work area. One spore trap cassette sample was collected outside the structure to determine the naturally occurring background fungi concentrations. The remaining samples were collected inside the structure within the above referenced remediated areas and adjoining areas. The samples were transported to EMSL of Dallas, Texas for analysis under strict chain-of-custody procedures. The following summarizes the results of the analysis. Copies of the complete laboratory reports are also attached.

Air Samples:

According to the analysis, the total fungi count in the outside air at the time of the inspection was 1,590 spores per cubic meter ("S/m³") of air. The inside total fungi spore counts (within the work area and outside the work area) fell within a range of 40 (outside work area – living upstairs) to 130 (work area) S/m³ of air.

Surface Samples:

ID: Sw-1

Loc: – Work Area – wall cavity

Type: Swab

Result: No fungi reported*

* No active growth structures reported

Conclusions:

In general, the industry standard calls for total fungi/genus counts within structures to be less than the counts outside the structure. Using this standard, based on the total spore counts, the air quality within the work areas falls within the **normal range**.

No active growth structures were reported in the surface sample results.

The work areas have passed clearance, no further remedial actions are required.

Upon review of the report, please feel free to contact us should you have any questions and/or comments. We appreciate this opportunity to provide services on your project.

Best Regards,



David M. Stegmann

MAC License # 0236

Expires 01/20/24

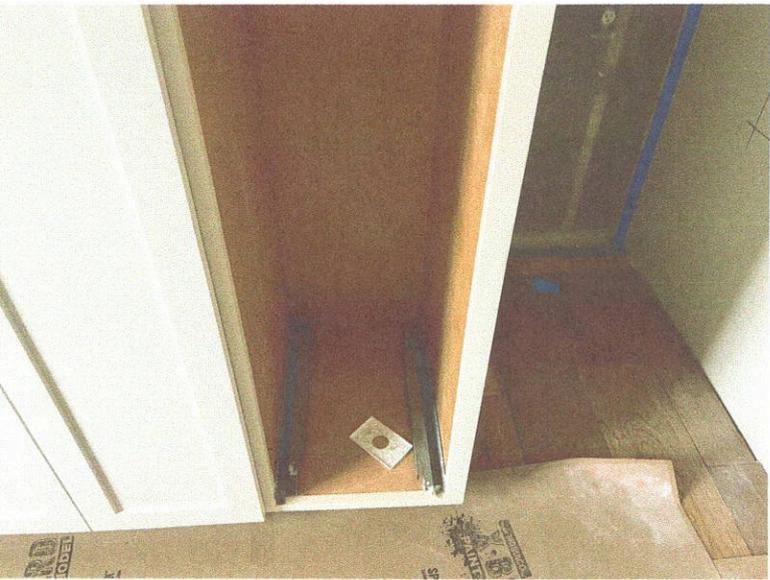
Attachments

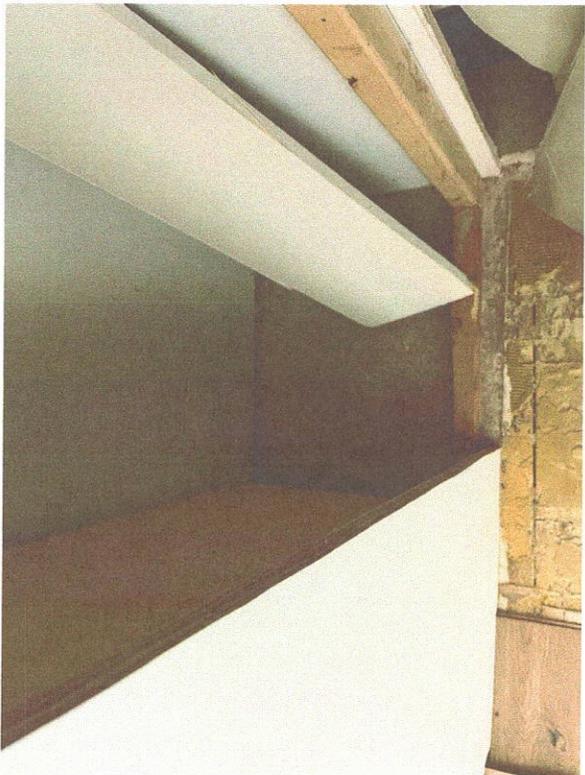
Attachment 1 - AAB Photos

Attachment 2 - Laboratory Analysis Reports

Attachment 1

Photos





Attachment 2

Laboratory Analysis Reports



EMSL Analytical, Inc.

3310 Keller Springs, Suite 145 Carrollton, TX 75006

Tel/Fax: (972) 892-9928 / (972) 892-9929

<http://www.EMSL.com> / dallaslab@emsl.com

EMSL Order: 112300345

Customer ID: ANAB25

Customer PO:

Project ID:

Attention: David Stegmann
Austin Air Biology
PO Box 50373
Austin, TX 78763

Phone: (512) 323-2246

Fax:

Collected Date: 02/10/2023

Received Date: 02/13/2023 09:00 AM

Analyzed Date: 02/13/2023

Project: 223-003

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

Lab Sample Number:	112300345-0001			112300345-0002			112300345-0003		
Client Sample ID:	AC01			AC2			AC3		
Volume (L):	75			75			75		
Sample Location:	Outside			Upstairs Work Area			Upstairs Living		
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)	6	300	18.9	1	40	30.8	-	-	-
Ascospores	2	80	5	-	-	-	-	-	-
Aspergillus/Penicillium	3	100	6.3	-	-	-	-	-	-
Basidiospores	12	510	32.1	-	-	-	1	40	100
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	13	550	34.6	2	80	61.5	-	-	-
Curvularia	1*	10*	0.6	-	-	-	-	-	-
Epicoccum	-	-	-	1*	10*	7.7	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces++	1	40	2.5	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	38	1590	100	4	130	100	1	40	100
Hyphal Fragment	5	200	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	2	80	-	1*	10*	-	-	-	-
Algae	5	200	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	42	-	-	42	-	-	42	-
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.

Cindy Nguyen, Laboratory Manager
or other Approved Signatory

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

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. 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. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. 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. Skin & Fibrous ratings: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-100%) of the background particles.

Samples analyzed by EMSL Analytical, Inc. Carrollton, TX AIHA LAP, LLC-EMLAP Accredited #223278, TX 1032

Initial report from: 02/13/2023 01:05 PM

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



EMSL Analytical, Inc.

3310 Keller Springs, Suite 145 Carrollton, TX 75006

Tel/Fax: (972) 892-9928 / (972) 892-9929

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EMSL Order: 112300346

Customer ID: ANAB25

Customer PO:

Project ID:

Attention: David Stegmann
Austin Air Biology
PO Box 50373
Austin, TX 78763

Phone: (512) 323-2246

Fax:

Collected Date: 02/10/2023

Received Date: 02/13/2023

Analyzed Date: 02/13/2023

Project: 223-003

Test Report: Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, and Other Particulates from Swab Samples (EMSL Method MICRO-SOP-200)

Lab Sample Number:	112300346-0001			
Client Sample ID:	Sw-1			
Sample Location:	Work Area - Wall Cavity			
Spore Types	Category			
Alternaria (Ulocladium)	-			
Ascospores	-			
Aspergillus/Penicillium	-			
Basidiospores	-			
Bipolaris++	-			
Chaetomium++	-			
Cladosporium	-			
Curvularia	-			
Epicoccum	-			
Fusarium++	-			
Ganoderma	-			
Myxomycetes++	-			
Pithomyces++	-			
Rust	-			
Scopulariopsis/Microascus	-			
Stachybotrys/Memnoniella	-			
Unidentifiable Spores	-			
Zygomycetes	-			
Hyphal Fragment	-			
Insect Fragment	-			
Pollen	-			
Fibrous Particulate	Rare			

Category: Count/per area analyzed - Rare: 1 to 10 Low: 11 to 100 Medium: 101 to 1000 High: >1000

- Denotes Not Detected.

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

* = Sample contains fruiting structures and/or hyphae associated with the spores.

Cindy Nguyen, Laboratory Manager
or other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Carrollton, TX AIHA LAP, LLC-EMLAP Accredited #223278, TX 1032

Initial report from: 02/13/2023 01:08 PM

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

Test Report DEVER1-2.9.0 Printed 02/13/2023 01:08 PM