Non-Viable Surface/Bulk Analysis Report

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237

Telephone: 800.347.4010

Report Number: 22-07-02412

Received Date: 07/15/2022
Analyzed Date: 07/18/2022
Reported Date: 07/18/2022

Client: Highland Home Inspections Inc.
P.O. Box 156
Highland, MD 20777

Project/Test Address: 1801 Ashton Rd; Sandy Spring, MD

Client Number: 110195

Fax Number: 301-854-1343

Laboratory Results

Lab # :	22-07-02412-001	Collection Location:	BSMT SUB FLOOR
Client Sample ID :	Swab 1	Date Analyzed:	7/18/2022
Date Collected :	7/14/2022	Analyst:	Kitana Usher

Moderate	Penicillium/Aspergillus group spores
Occasional	Cladosporium spores
Few	protozoans*
Occasional to Few	yeast cells*
Occasional	Stachybotrys spores

Note:

Quantification Key:
Numerous: Several spores seen in every field
Moderate: At least 1 spore seen in 5 fields
Few: Over 5 spores seen per cover slip, but less than 1 spore seen in 5 fields
Occasional: 1-5 spores seen per a cover slip

Method: Direct Microscopic Exam

Reviewed By Authorized Signatory: Tasha Eaddy

Tasha Eaddy
QA/QC Clerk

Swab/Bulk Report Summary

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This summary is based on the results obtained by Environmental Hazards Services for the samples taken at the Project/Test Address listed above. For details such as mold type and spore counts, please see the Report Number listed above.Environmental Hazards Services is a laboratory only, and this summary in no way constitutes a remediation plan. The test(s) perfomred is/are designed to givea "picture-in-time" result and conditions in the property may change in the future. If the testing was performed as a result of the property currently experiencing a water infiltation or moisture problem, the source of the problem should be corrected immediately.

Sample Number	Location	Sample Type	Unusual Mold Condition(s) Exist
22-07-02412-001	BSMT SUB FLOOR	Mold Swab	Yes

Unusual Mold Condition(s) Explanation

Yes One or more of the samples in the table above indicate the presence of elevated indoor mold spores or colonies for these specific locations only. Professional advice will be necessary to determine the appropriate actions to take to correct the conditions indicated. The information in your report and this summary may be used by an Industrial Hygienist or an Indoor Air Quality professional to assist in the determination of necessary actions.

The recommendations found in this summary are based on accepted industry standards develop by the American Conference of Governmental Industrial Hygienists (ACGIH), the EPA, and the New York City Department of Health.[1]

For further information, please visit our website at www.leadlab.com

Mold Spore Descriptions

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Section 2: The following fungal descriptions are pertinent to the indoor samples collected. General characterization of mold is made with respect to their most common impact to human health. Many genera of molds have species with varying characteristics.

Spore Name	Description
Cladosporium spores	Reported to be allergenic. Most commonly identified spore in outdoor samples. Highly seasonal. Indoor species may differ from outdoor species. Typically found inside supply ducts.
Penicillium/Aspergillus group spores	Reported to be allergenic. Many species have been documented to produce mycotoxins, which may be associated with pulmonary disease in humans and other animals. Research studies have implicated several of these toxins as carcinogens in laboratory animals following inhalation. A wide number of organisms have been grouped into these two genera. Extremely difficult to identify down to species level. Typically identified in soil, cellulose, food, paint, compost piles, carpeting, wallpaper and in the fiberglass insulation used in interior ductwork.
Stachybotrys spores	Toxigenic. Also recognized as an allergen. Typically a fungus of dark green/black coloration, it grows readily on building materials with a high cellulose content but low in nitrogen, and is rarely observed in outdoor samples. Certain strains of Stachbotrys may produce the mycotoxin, trichothecene under appropriate conditions which has been documented to cause problems associated with the circulatory, alimentary, skin and nervous systems. Absorption of trichothecene into the tissues of the human lung may cause a condition known as pneumomycosis. Although there have been conflicting studies concerning the toxicity of this fungi, it still appears that extreme caution should be practiced when dealing with this mold.
protozoans*	Not a fungal organism, but may indicate excessive moisture and possible geographical influence.
yeast cells*	Reported to be allergenic. Various yeasts are identified in air samples and the degree to which they may be considered allergenic is dependent on the species of yeast.

EHS Laboratories™

MoldSmart Chain-of-Custody

22-07-02412

Due Date: 07/18/2022 (Monday) AE

Environmental Hazards Services, LLC

www.leadlab.com
(800) 347-4010
(804) 275-4907 (fax)
7469 Whitepine Rd
Richmond, VA 23237

Company Name: Highland Home Inspections Address: 12709 Hall Shop Road City/State/Zip: Highland, MD 20777

Phone: (301) 301.854.3634 Field Phone Number: ( ) Fax: ( )

E-mail: office@hhinspect.com **Acct. Number:** 110195 **P.O. Number:**

Testing Address: 1801 Ashton rd **City/State (Required):** Sandy Spring / MD

Collection Date: 07 / 14 / 22 **Collected by:** Felipe Machado

Outside Air Temperature: 89 °F Indoor Air Temperature: 70 °F Was There any Precipitation (Rain, Sleet, or Snow) 2 Hours or Less Before Taking the Samples? o Yes o N

Turn Around Time (TAT)
X 1 Day __3-Day

If no TAT is specified, sample (s) will be processed and charged as 3-Day TAT.

Standard Viable Sample TAT is 5-7 Days.

☐ with Remediation Specifications (Fee Required)

☐ with Clearance letter (Fee Required)

Sample Type Codes

Air/Non Viable	Air/Viable (Culturable)
Bulk = B	Total Fungal Count w/ ID = VTF
Swab = S	Stachybotrys Culture w/ Total Fungal Count & ID = VS
WallCheck = W	Total Thermophilic Fungal Count w/ ID = VTT
Bio Tape = T	

Spore Trap Type
Air-O-Cell = AOC
Cyclex D = C
BioSIS = B
Micro5=M5

Swab Sample Surface Type
Non-Porous = NP
Semi-Porous = SP
Porous = P

No.	Sample Type	Collection Location (Limited to 15 Characters)	Air Samples: Spore Trap Type	Air Volume (Total Liters)	Media Type (Viable Testing Only)	Swab Samples: Surface Type (NP/SP/P)	Area of Mold (In Square Feet - ft²)	Remarks
1	S	BSMT SUBFLOOR				P	6	
2								
3								
4								
5								
6								
7								
8								

Released by:	Signature:	Date/Time:
Released by: Amanda Lowery	Signature: A Lowery	Date/Time: 7/15/22 11:18Am