HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

SOLUTIONS & RESULTS

Probiotic Solutions For:

MOLD - MYCOTOXINS - BACTERIA - VIRUSES - INSECTS - VOCs - ALLERGENS - ODORS

B2B GUIDE

web: healthyhomes.info
email: info@ healthyhomes.info
phone: 518.615.6753
address: 240 Excelsior Ave, Saratoga Springs, NY 12866

A Probiotic Powerhouse is Born!

Healthy Homes Inc's origin dates to a 2005 study on how enzymes could replace chemicals in common household cleaners. From that Research and Development, Healthy Homes Inc and its proprietary BioSolutions were born. Good science takes time! Today, Healthy Homes BioSolutions have evolved into a delicate blend of essential oils, vegetable oils, botanical surfactants and living plant-based biologicals. Healthy Homes offers a suite of solutions for residential and commercial pollutants. Safe and effective, our mission is to replace the use of harsh synthetic chemicals with the best nature has to offer!

TABLE OF CONTENTS

Healthy Homes Inc

The Best Nature Has To Offer

ALL-Clean

SURFACE & AIRBORNE TOXINS

- Germs
- Viruses
- Bacteria
- Mycotoxins
- Allergens

- Ants
- Spiders
- Fleas
- Mites

And other common household insects

Simplified Cleaning with ALL-Clean

ALL-Clean is the all-purpose, all-surface, all-natural probiotic cleaner for your home! Eliminate the use of ammonia, chlorites, biocides and pesticides in and around your home—clinically proven to be harmful to the respiratory system. Spray or fog ALL-Clean onto porous and hard surfaces on a regular cleaning schedule. Treat around baseboards, windowsills, and door frames where moisture and outside air leak into homes with contaminants.
Treat on and around the foundation and grass line for insects. ALL-Clean biologicals are not consumed during the cleaning process and continue to work past application.

Ingredients

- Biologicals (Plant-Based)
- Essential Oils
- Botanical Surfactants
- Vegetable Oils
- Nutrients
- Purified Water

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BIO-Clean

SURFACE TOXINS

Germs
Viruses
Bacteria
Mycotoxins
Allergens

BIO-Clean is an all-natural probiotic surface cleaner for hard and porous surfaces. Offered as a commercial solution, BIO-Clean was developed as a surface cleaner for use in living spaces on remediation and restoration projects. Sprayed or wiped onto surfaces, BIO-Clean is the alternative to toxic chemicals. BIO-Clean biologicals are not consumed during the cleaning process and continue to work long past application.

Ingredients

- Biologicals (Probiotic Blend)
- Essential Oils
- Botanical Surfactants
- Vegetable Oils
- Nutrients
- Purified Water

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info@healthyhomes.info

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The Best Nature Has To Offer

DE-Mold

SURFACE & AIRBORNE TOXINS

COMMERCIAL GRADE

Air Sterilization For:

- **MOLD**
- **BACTERIA**
- **VIRUSES**
- **GERMS**
- **ALLERGENS**

DE-Mold is an all-natural probiotic solution for indoor air quality and mold remediation. Offered as a commercial solution, DE-Mold was developed to be fogged into structures to consume airborne contaminants and disinfect all hard and porous surfaces. Efficient and effective, with verified results, DE-Mold eliminates the use of toxic ammonia and chemicals. Eliminate the need to continuously run air scrubbers. DE-Mold biologicals are not consumed during the cleaning process and continue to work past application.

Ingredients

- Biologicals (Probiotic Blend)
- Thyme Oil
- Vegetable Oils
- Nutrients
- Purified Water

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DIS-Insect

3 Blends Available For:

- **BEDBUGS**
- **LAWN**
- **HOUSEHOLD**

Lawn Targets

Mosquitos & Ticks

Household Targets

Ants, Spiders, Fleas &Mites

DIS-Insect is the all-natural probiotic solution that eradicates insects at each stage of their life cycle, including eggs. Eliminate the use of pesticides in and around the home with DIS-Insect by applying it on a regular treatment schedule. Spray or fog indoors around baseboards, door frames, and outdoors on the foundation and surrounding areas at the grass line. Apply it to the yard for mosquitoes and ticks. For bed bug treatment, use the specific bed bug blend. DIS-Insect biologicals are not consumed during the cleaning process and continue to work long past application.

Ingredients

- Biologicals (Probiotic Blend)
- Thyme Oil
- Vegetable Oils
- Nutrients
- Purified Water

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The Best Nature Has To Offer

RE-Hydro

COMMERCIAL GRADE

Molds
&
Bacteria

Grease
&
Organic Stains

RE-Hydro is the all-natural, technical hydrogen peroxide alternative to ammonia and bleach for surface cleaning. Developed for commercial strength use in the mold remediation industry, RE-Hydro kills mold, bacteria, viruses, and germs, unlike bleach solutions that simply "whiten" surfaces. Use BOOST with RE-Hydro to remove grease stains and eliminate the need for any bleach solution.

Ingredients

- Hydrogen Peroxide (Technical Grade)
- Botanical Surfactant
- Purified Water

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UN-Odor

Targets And Destroys:

BACTERIA
&
NON-BACTERIA
ODORS

UN-Odor is the all-natural probiotic approach to eliminating both biological and non-biological airborne odors (malodor molecules) and their sources (e.g., urine salts). Spray or fog on and around sources of odor and wipe clean. Eliminate the use of fragrance maskers or perfumes. Apply UN-Odor for smoke, pet, and athletic odors, musty mold smells, and unidentified odors. Apply directly on carpets, furniture, and fabrics, and fog directly into locker rooms, gyms, etc. UN-Odor biologicals are not consumed during the cleaning process and continue to work long past application.

Ingredients

- Biologicals (Probiotic Blend)
- Essential Oils
- Botanical Surfactants
- Vegetable Oils
- Nutrients
- Purified Water

Healthy Homes Inc

healthyhomes.info

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HEALTHY HOMES INC
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PERFORMANCE IN THE FIELD

CASE STUDY

January 2024
New England Region

OVERVIEW

This case study highlights a straightforward project that one of our network partners would typically engage in. Relying on our suite of solutions, two technicians with common remediation equipment provided exceptional results to the end client.

In the basement of this single-family home, surfaces were cleaned with either RE-Hydro or BIO-Clean based on the finish. Finally, the space was fogged with DE-Mold to eradicate mold and sanitize the indoor air.

SOLUTIONS USED

- **DE-MOLD** Plant-based biological fog
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner
- **BIO-CLEAN** Plant-based biological surface cleaner

1 Day to complete work

2 Technicians performing work

3 Solutions used for remediation

RESULTS

Organism	Pre Counts	Post Counts	Reduction
Aspergilius / Penicillium	72,960	358	99.5%
Basidiospores	1,229	None Detected	100%
Cladosporium	656	51	92.3%
Myxomycetes / Smut	870	None Detected	100%
Total Spore	76,800	614	99.2%
Hyphal Fragment	13,875	51	99.6%

Newton Microbial Laboratory

Newton Report ID
CAE20231226006R

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	West Hartford	CT	06117

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-645-9583	12/22/2023	12/26/2023

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	[redacted]	12/26/2023

Newton ML Sample ID	CAE20231226006RA001			CAE20231226006RA002			CAE20231226006RA003					
Sample Name/Location	Exterior			Bathroom - 2nd Floor			Basement					
Volume (L)	75			75			75					
Background	2			3			4					
Analytical Sensitivity (Cts/M³)	51			51			51					
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®					
Sample Type	Spore Trap			Spore Trap			Spore Trap					
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total			
Alternaria	Not Detected			Not Detected			Not Detected					
Ascospores	1	51	4.76%	3	154	6.38%	13	666	0.87%			
Aspergillus|Penicillium	7	358	33.33%	29	1,485	61.70%	1,425	72,960	95.00%			
Basidiospores	Not Detected			4	205	8.51%	24	1,229	1.60%			
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected					
Chaetomium	Not Detected			Not Detected			Not Detected					
Cladosporium	7	358	33.33%	7	358	14.89%	13	666	0.87%			
Curvularia	Not Detected			Not Detected			1	51	0.07%			
Epicoccum	Not Detected			Not Detected			Not Detected					
Fusarium	Not Detected			Not Detected			Not Detected					
Memnoniella	Not Detected			Not Detected			Not Detected					
Myxomycetes|Smuts	4	205	19.05%	3	154	6.38%	17	870	1.13%			
Pithomyces	Not Detected			Not Detected			3	154	0.20%			
Stachybotrys	Not Detected			Not Detected			Not Detected					
Stemphylium	Not Detected			Not Detected			Not Detected					
Torula	Not Detected			Not Detected			Not Detected					
Trichoderma	Not Detected			Not Detected			Not Detected					
Ulocladium	Not Detected			Not Detected			Not Detected					
Unspecified Spore	2	102	9.52%	1	51	2.13%	4	205	0.27%			
Total	21	1,075	100.00%	47	2,406	100.00%	1,500	76,800	100.00%			
Hyphal Fragment	1	51	-	4	205	-	271	13875	-			
Comments												

Newton Microbial Laboratory

Newton Report ID
CAE202401230140

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	West Hartford	CT	06117
Company Email	**Company Phone Number**	**Date Collected**	**Date Received**	
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9983	1/22/2024	01/23/2024	
Company Address	**Company Name**	**Sample Collected by**	**Date Analyzed**	
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	[redacted]	01/23/2024	

Newton ML Sample ID	CAE202401230140A001			CAE202401230140A002								
Sample Name/Location	Living Room - Control			Basement								
Volume (L)	75			75								
Background	2			2								
Analytical Sensitivity (Cts/M³)	51			51								
Cassette Type	Air-O-Cell®			Air-O-Cell®								
Sample Type	Spore Trap			Spore Trap								
Organism	**Counted**	**Cts/M³**	**% of Total**	**Counted**	**Cts/M³**	**% of Total**						
Alternaria	1	51	20.00%	Not Detected								
Ascospores	Not Detected			3	154	25.00%						
Aspergillus|Penicillium	3	154	60.00%	7	358	58.33%						
Basidiospores	Not Detected			Not Detected								
Bipolaris|Drechslera	Not Detected			Not Detected								
Chaetomium	Not Detected			Not Detected								
Cladosporium	1	51	20.00%	1	51	8.33%						
Curvularia	Not Detected			Not Detected								
Epicoccum	Not Detected			Not Detected								
Fusarium	Not Detected			Not Detected								
Memnoniella	Not Detected			Not Detected								
Myxomycetes|Smuts	Not Detected			Not Detected								
Pithomyces	Not Detected			Not Detected								
Stachybotrys	Not Detected			Not Detected								
Stemphylium	Not Detected			Not Detected								
Torula	Not Detected			Not Detected								
Trichoderma	Not Detected			Not Detected								
Ulocladium	Not Detected			Not Detected								
Unspecified Spore	Not Detected			1	51	8.33%						
Total	5	256	100.00%	12	614	100.00%						
Hyphal Fragment	Not Detected		-	1	51	-						
Comments												

HEALTHY HOMES INC
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PERFORMANCE IN THE FIELD

CASE STUDY

October 2021
Long Island, NY

OVERVIEW

This case study highlights a simple remediation job in an unfinished basement. Relying on two of our solutions, two technicians with common remediation equipment and minimal PPE completed the job in under a day.

This unfinished basement was first treated with RE-Hydro to remove surface mold and organic staining. Finally, the space was fogged with DE-Mold to eradicate mold and sanitize the indoor air.

All of this work was performed without disruption to the family while they went about their day to day in the living areas of the home.

3/4 Day to complete work

2 Technicians performing work

2 Solutions used for remediation

SOLUTIONS USED

- **DE-MOLD** Plant-based biological fog
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner

RESULTS

Organism	Pre Counts	Post Counts	Reduction
Aspergilius / Penicillium	86,016	768	99.1%
Cladosporium	307	None Detected	100%
Myxomycetes / Smut	307	None Detected	100%
Stachybotrys	154	None Detected	100%
Total Spore	87, 347	973	98.9%
Hyphal Fragment	205	None Detected	100%

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Roslyn	NY	11576

Company Email	Company Phone Number	Date Collected	Date Received
andre@benardbuildinginspections.com	(203) 676-8969	10/19/2021	10/20/2021

Company Address	Company Name	Sample Collected by	Date Analyzed
35 Walnut Street, Central Islip, NY 11722	Benard Building Inspections LLC	[redacted]	10/20/2021

Newton ML Sample ID	CAE20211020007S001AS	CAE20211020007S002AS	CAE20211020007S003AS	
Sample Name/Location	Control	Left Basement	Right Basement	
Volume (L)	75	75	75	
Background	2	3	3	
Analytical Sensitivity (Cts/M³)	51	51	51	
Cassette Type	Air-O-Cell®	Air-O-Cell®	Air-O-Cell®	
Sample Type	Spore Trap	Spore Trap	Spore Trap	

Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected		
Ascospores	229	11,725	87.74%	7	358	0.41%	10	512	0.91%
Aspergillus|Penicillium	10	512	3.83%	1,680	86,016	98.48%	1,076	55,091	98.09%
Basidiospores	17	870	6.51%	2	102	0.12%	4	205	0.36%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			1	51	0.06%	Not Detected		
Cladosporium	1	51	0.38%	6	307	0.35%	1	51	0.09%
Curvularia	Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	4	205	1.53%	6	307	0.35%	3	154	0.27%
Pithomyces	Not Detected			Not Detected			1	51	0.09%
Stachybotrys	Not Detected			3	154	0.18%	1	51	0.09%
Stemphylium	Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected		
Unspecified Spore	Not Detected			1	51	0.06%	1	51	0.09%
Total	261	13,363	100.00%	1,706	87,347	100.00%	1,097	56,166	100.00%
Hyphal Fragment	Not Detected		-	4	205	-	3	154	-
Comments									

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Roslyn	NY	111576

Company Email	Company Phone Number	Date Collected	Date Received
andre@benardbuildinginspections.com	(203) 676-8969	11/4/2021	11/05/2021

Company Address	Company Name	Sample Collected by	Date Analyzed
35 Walnut Street, Central Islip, NY 11722	Benard Building Inspections LLC	[redacted]	11/05/2021

Newton ML Sample ID	CAE20211105014S001AS			CAE20211105014S002AS			CAE20211105014S003AS		
Sample Name/Location	Control			Left Basement			Right Baseement		
Volume (L)	75			75			75		
Background	2			2			2		
Analytical Sensitivity (Cts/M³)	51			51			51		
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®		
Sample Type	Spore Trap			Spore Trap			Spore Trap		
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected		
Ascospores	58	2,970	57.43%	4	205	21.05%	6	307	37.50%
Aspergillus|Penicillium	9	461	8.91%	15	768	78.95%	6	307	37.50%
Basidiospores	13	666	12.87%	Not Detected			2	102	12.50%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			Not Detected			Not Detected		
Cladosporium	19	973	18.81%	Not Detected			2	102	12.50%
Curvularia	Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	2	102	1.98%	Not Detected			Not Detected		
Pithomyces	Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			Not Detected			Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected		
Unspecified Spore	Not Detected			Not Detected			Not Detected		
Total	101	5,171	100.00%	19	973	100.00%	16	819	100.00%
Hyphal Fragment	3	154	-	Not Detected		-	Not Detected		-
Comments									

HEALTHY HOMES INC
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PERFORMANCE IN THE FIELD

CASE STUDY

January 2023
Suburban New York

OVERVIEW

This case study involves a suburban home that required light remediation top to bottom. Our entire suite of mold solutions were used to deliver fantastic results.

RE-Hydro was used in the basement for heavier cleaning. BIO-Clean was utilized in the finished areas of the home for a thorough cleaning without damaging surface finishes. Finally, all three levels of the home were then fogged with DE-Mold to sanitize the indoor air and penetrate construction materials for the elimination of mold, bacteria, viruses, allergens, etc.

SOLUTIONS USED

- **DE-MOLD** Plant-based biological fog
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner
- **BIO-CLEAN** Plant-based biological surface cleaner

1.5 Days to complete work

2 Technicians performing work

3 Solutions used for remediation

RESULTS

Organism	Pre Counts	Post Counts	Reduction
Aspergilius / Penicillium	3,600	40	98.9%
Cladosporium	90	None Detected	100%
Stachybotrys	11,200	100	99.1%
Total Spore	15,210	310	98.0%

EMSL Analytical, Inc.

528 Mineola Avenue Carle Place, NY 11514

Tel/Fax: (516) 997-7251 / (516) 997-7528

http://www.EMSL.com / carleplacelab@emsl.com

EMSL Order: 062300004
Customer ID: FPNY42
Customer PO:
Project ID:

Attention: [redacted]

[redacted]

Malverne, NY 11565

Project: [redacted]

Collected Date: 01/02/2023
Received Date: 01/03/2023 08:46 AM
Analyzed Date: 01/03/2023

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

Lab Sample Number:	062300004-0001			062300004-0002			062300004-0003		
Client Sample ID:	1			2			3		
Volume (L):	75			75			75		
Sample Location:	Basement			Kitchen			Upstairs Hall W/AC		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	1	40	0.3	-	-	-	-	-	-
Aspergillus/Penicillium	83	3600	23.7	26	1100	29.1	12	520	36.4
Basidiospores	3	100	0.7	10	440	11.6	12	520	36.4
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	2	90	0.6	1	40	1.1	-	-	-
Cladosporium	2	90	0.6	-	-	-	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	1*	10*	0.1	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	257	11200	73.6	8	300	7.9	2	90	6.3
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Ascotricha	1	40	0.3	43	1900	50.3	8	300	21
Aureobasidium++	1	40	0.3	-	-	-	-	-	-
Total Fungi	**351**	**15210**	**100**	**88**	**3780**	**100**	**34**	**1430**	**100**
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	1	-
Fibrous Particulate (1-4)	-	2	-	-	1	-	-	1	-
Background (1-5)	-	4	-	-	2	-	-	2	-

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

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

Daniel Clarke, Asbestos Laboratory Manager
or other Approved Signatory

Initial report from: 01/03/2023 03:53 PM

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

EMSL Analytical, Inc.

528 Mineola Avenue Carle Place, NY 11514

Tel/Fax: (516) 997-7251 / (516) 997-7528

http://www.EMSL.com / carleplacelab@emsl.com

EMSL Order: 062300004
Customer ID: FPNY42
Customer PO:
Project ID:

Attention: [redacted]

[redacted]

Malverne, NY 11565

Project: [redacted]

Collected Date: 01/02/2023
Received Date: 01/03/2023 08:46 AM
Analyzed Date: 01/03/2023

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

Lab Sample Number:	062300004-0004			062300004-0005			062300004-0006		
Client Sample ID:	4			5			6		
Volume (L):	75			75			75		
Sample Location:	Upstairs Hall No A/C			Master Bed w/AC Heat			Master Bed No A/C		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	-	-	-
Aspergillus/Penicillium	10	440	40.7	5	200	51.3	2	90	30
Basidiospores	5	200	18.5	2	90	23.1	4	200	66.7
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	1	40	3.7	-	-	-	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	3	100	9.3	-	-	-	1*	10*	3.3
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Ascotricha	6	300	27.8	3	100	25.6	-	-	-
Aureobasidium++	-	-	-	-	-	-	-	-	-
Total Fungi	**25**	**1080**	**100**	**10**	**390**	**100**	**7**	**300**	**100**
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
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	-	-	1	-
Background (1-5)	-	2	-	-	1	-	-	1	-

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

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

Daniel Clarke, Asbestos Laboratory Manager
or other Approved Signatory

Initial report from: 01/03/2023 03:53 PM

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

EMSL Analytical, Inc.

528 Mineola Avenue Carle Place, NY 11514

Tel/Fax: (516) 997-7251 / (516) 997-7528

http://www.EMSL.com / carleplacelab@emsl.com

EMSL Order: 062300004
Customer ID: FPNY42
Customer PO:
Project ID:

Attention: [redacted]

[redacted]

Malverne, NY 11565

Project: [redacted]

[redacted]

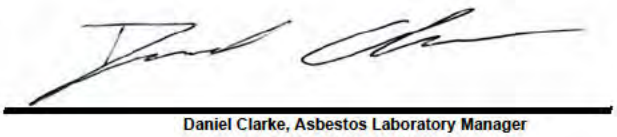
Collected Date: 01/02/2023
Received Date: 01/03/2023 08:46 AM
Analyzed Date: 01/03/2023

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

Lab Sample Number:	062300004-0007		
Client Sample ID:	7		
Volume (L):	75		
Sample Location:	Outside		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	4*	50*	1.4
Ascospores	9	400	11
Aspergillus/Penicillium	2	90	2.5
Basidiospores	60	2600	71.4
Bipolaris++	-	-	-
Chaetomium++	-	-	-
Cladosporium	7	300	8.2
Curvularia	-	-	-
Epicoccum	-	-	-
Fusarium++	-	-	-
Ganoderma	-	-	-
Myxomycetes++	4	200	5.5
Pithomyces++	-	-	-
Rust	-	-	-
Scopulariopsis/Microascus	-	-	-
Stachybotrys/Memnoniella	-	-	-
Unidentifiable Spores	-	-	-
Zygomycetes	-	-	-
Ascotricha	-	-	-
Aureobasidium++	-	-	-
Total Fungi	**86**	**3640**	**100**
Hyphal Fragment	-	-	-
Insect Fragment	-	-	-
Pollen	-	-	-
Analyt. Sensitivity 600x	-	44	-
Analyt. Sensitivity 300x	-	13*	-
Skin Fragments (1-4)	-	1	-
Fibrous Particulate (1-4)	-	1	-
Background (1-5)	-	2	-

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

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



Daniel Clarke, Asbestos Laboratory Manager
or other Approved Signatory

Initial report from: 01/03/2023 03:53 PM

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

EMSL Analytical, Inc.

528 Mineola Avenue Carle Place, NY 11514
Tel/Fax: (516) 997-7251 / (516) 997-7528
http://www.EMSL.com / carleplacelab@emsl.com

EMSL Order: 062300916
Customer ID: [redacted]
Customer PO: Auth #142296
Project ID:

Attention: [redacted]
[redacted]
Malverne, NY 11565

Project: [redacted]

[redacted]

Collected Date: 01/17/2023
Received Date: 01/17/2023 06:48 PM
Analyzed Date: 01/20/2023

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

Lab Sample Number:	062300916-0001			062300916-0002			062300916-0003		
Client Sample ID:									
Volume (L):	75			75			75		
Sample Location:	Kitchen			Basement			Hall Upstairs		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	1	40	12.9	-	-	-
Aspergillus/Penicillium	6	300	62.5	1	40	12.9	-	-	-
Basidiospores	1	40	8.3	2	90	29	2	90	42.9
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	1	40	19
Cladosporium	-	-	-	-	-	-	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	1	40	8.3	1	40	12.9	1	40	19
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	3	100	20.8	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	3	100	32.3	1	40	19
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	**11**	**480**	**100**	**8**	**310**	**100**	**5**	**210**	**100**
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	2	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	3	-	-	2	-	-	3	-

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

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

Daniel Clarke, Asbestos Laboratory Manager
or other Approved Signatory

Initial report from: 01/20/2023 10:31 AM

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

EMSL Analytical, Inc.

528 Mineola Avenue Carle Place, NY 11514

Tel/Fax: (516) 997-7251 / (516) 997-7528

http://www.EMSL.com / carleplacelab@emsl.com

EMSL Order: 062300916
Customer ID: [redacted]
Customer PO: Auth #142296
Project ID:

Attention: [redacted]

[redacted]

Malverne, NY 11565

Project: [redacted]

[redacted]

Collected Date: 01/17/2023
Received Date: 01/17/2023 06:48 PM
Analyzed Date: 01/20/2023

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

Lab Sample Number:	062300916-0004				
Client Sample ID:					
Volume (L):	75				
Sample Location:	Outside				
Spore Types	**Raw Count**	**Count/m³**	**% of Total**		
Alternaria (Ulocladium)	1	40	2.5		
Ascospores	-	-	-		
Aspergillus/Penicillium	-	-	-		
Basidiospores	1*	10*	0.6		
Bipolaris++	-	-	-		
Chaetomium++	-	-	-		
Cladosporium	27	1200	75.9		
Curvularia	-	-	-		
Epicoccum	5	200	12.7		
Fusarium++	-	-	-		
Ganoderma	-	-	-		
Myxomycetes++	2	90	5.7		
Pithomyces++	-	-	-		
Rust	1	40	2.5		
Scopulariopsis/Microascus	-	-	-		
Stachybotrys/Memnoniella	-	-	-		
Unidentifiable Spores	-	-	-		
Zygomycetes	-	-	-		
Total Fungi	**37**	**1580**	**100**		
Hyphal Fragment	-	-	-		
Insect Fragment	-	-	-		
Pollen	-	-	-		
Analyt. Sensitivity 600x	-	44	-		
Analyt. Sensitivity 300x	-	13*	-		
Skin Fragments (1-4)	-	1	-		
Fibrous Particulate (1-4)	-	1	-		
Background (1-5)	-	3	-		

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

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

Daniel Clarke, Asbestos Laboratory Manager
or other Approved Signatory

Initial report from: 01/20/2023 10:31 AM

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

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

Feburary 2024
Central, Connecticut

OVERVIEW

This case study highlights a simple remediation job in a finished basement and adjacent crawlspace with exterior mold and basement mold contributing to elevated levels throughout the home. Relying on two of our solutions, two technicians completed the job in one full day.

This finished basement was HEPA vacuumed where applicable as well as the unfinished crawlspace to remove 3D growth from surfaces while a single air scrubber was running in the space. RE-Hydro was applied to deep clean and remove staining from unfinished surfaces. Finally, both spaces were fogged with DE-Mold to eradicate mold and sanitize the indoor air.

SOLUTIONS USED

- **DE-MOLD** Plant-based biological fog
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner

1 Day to complete work

2 Technicians performing work

2 Solutions used for remediation

RESULTS

Organism	Pre Counts	Post Counts	Reduction
Aspergilius / Penicillium	36,864	1,485	96.0%
Chaetomium	614	None Detected	100%
Cladosporium	652,800	154	99.9%
Stachybotrys	5,069	None Detected	100%
Total Spore	695.552	2,304	99.7%
Hyphal Fragment	1,126	51	95.5%

Newton Microbial Laboratory

Newton Report ID
CAE202402190060

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Simsbury	CT	06070
Company Email	**Company Phone Number**	**Date Collected**	**Date Received**	
[redacted]	[redacted]	2/16/2024	02/19/2024	
Company Address	**Company Name**	**Sample Collected by**	**Date Analyzed**	
[redacted]	Sherwood Inspection Services	[redacted]	02/19/2024	

Newton ML Sample ID	CAE202402190060A001			CAE202402190060A002			CAE202402190060A003			CAE202402190060A004		
Sample Name/Location	Office - Control			Family Room			Playroom			Basement		
Volume (L)	75			75			75			75		
Background	2			3			3			3		
Analytical Sensitivity (Cts/M³)	51			51			51			51		
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®			Air-O-Cell®		
Sample Type	Spore Trap			Spore Trap			Spore Trap			Spore Trap		
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected			Not Detected		
Ascospores	13	666	28.89%	10	512	24.39%	15	768	29.41%	6	307	13.33%
Aspergillus|Penicillium	13	666	28.89%	13	666	31.71%	22	1,126	43.14%	29	1,485	64.44%
Basidiospores	11	563	24.44%	12	614	29.27%	9	461	17.65%	7	358	15.56%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			Not Detected			Not Detected			Not Detected		
Cladosporium	7	358	15.56%	5	256	12.20%	4	205	7.84%	3	154	6.67%
Curvularia	Not Detected			Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	1	51	2.22%	1	51	2.44%	1	51	1.96%	Not Detected		
Pithomyces	Not Detected			Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			Not Detected			Not Detected			Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected			Not Detected		
Unspecified Spore	Not Detected			Not Detected			Not Detected			Not Detected		
Total	45	2,304	100.00%	41	2,099	100.00%	51	2,611	100.00%	45	2,304	100.00%
Hyphal Fragment	1	51	-	3	154	-	1	51	-	1	51	-
Comments												

Newton Fungal Assessment Report V201611.2

AGS ISO/IEC 17025:2017 Certified Number: AGS-US090914-1-2
Page 2 of 9

Newton Microbial Laboratory

Newton Report ID
CAE20231228006R

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Simsbury	CT	06070
Company Email	**Company Phone Number**	**Date Collected**	**Date Received**	
[redacted]	[redacted]	12/27/2023	12/28/2023	
Company Address	**Company Name**	**Sample Collected by**	**Date Analyzed**	
[redacted]	Sherwood Inspection Services	[redacted]	12/28/2023	

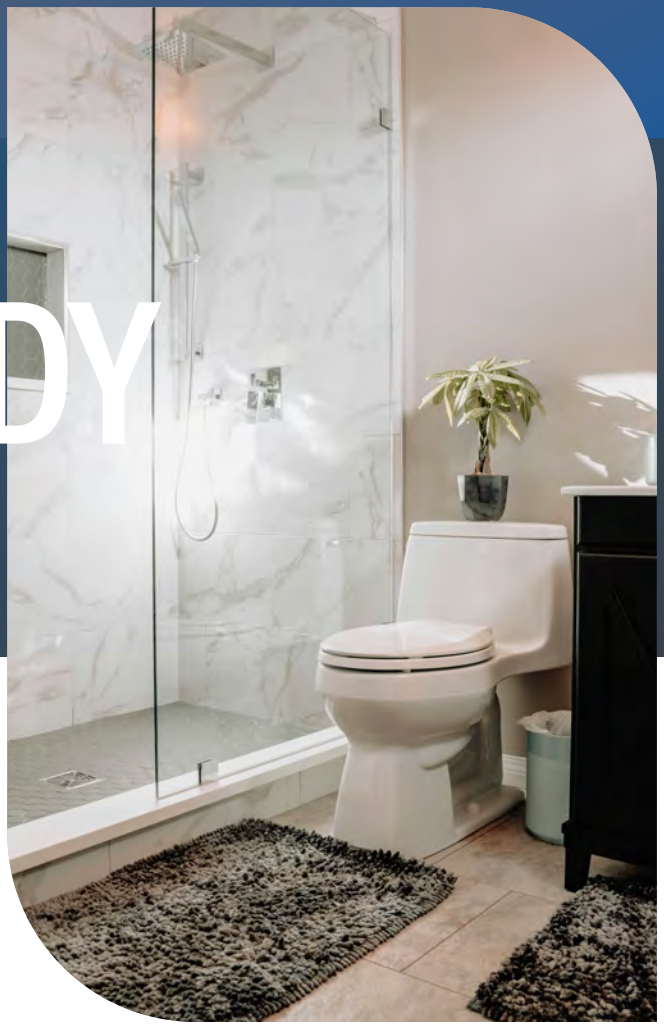
Newton ML Sample ID	CAE20231228006RA001			CAE20231228006RA002			CAE20231228006RA003			CAE20231228006RA004		
Sample Name/Location	Exterior			Living Room			Basement			Playroom		
Volume (L)	75			75			75			75		
Background	1			3			4			3		
Analytical Sensitivity (Cts/M³)	51			51			51			51		
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®			Air-O-Cell®		
Sample Type	Spore Trap			Spore Trap			Spore Trap			Spore Trap		
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected			Not Detected		
Ascospores	5	256	0.86%	8	410	14.04%	1	51	0.01%	12	614	22.22%
Aspergillus|Penicillium	4	205	0.69%	20	1,024	35.09%	720	36,864	5.30%	18	922	33.33%
Basidiospores	570	29,184	97.77%	19	973	33.33%	1	51	0.01%	7	358	12.96%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			Not Detected			12	614	0.09%	Not Detected		
Cladosporium	4	205	0.69%	7	358	12.28%	12,750	652,800	93.85%	13	666	24.07%
Curvularia	Not Detected			Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	Not Detected			3	154	5.26%	Not Detected			4	205	7.41%
Pithomyces	Not Detected			Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			Not Detected			99	5,069	0.73%	Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected			Not Detected		
Unspecified Spore	Not Detected			Not Detected			2	102	0.01%	Not Detected		
Total	583	29,850	100.00%	57	2,918	100.00%	13,585	695,552	100.00%	54	2,765	100.00%
Hyphal Fragment	Not Detected		-	1	51	-	22	1126	-	Not Detected		-
Comments												

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

March 2024
Vernon, CT



OVERVIEW

This case study involves a moderate mold issue in a two-story townhouse. The issue was limited to a half-bath and a finished basement. Three Healthy Homes solutions were used to clean surface mold and sanitize the indoor air in under a day.

On surfaces that had heavy growth and mold related staining, RE-Hydro, a peroxide-based cleaner, was used. BIO-Clean was used on finished surfaces containing lighter contamination. These two spaces were then fogged with DE-Mold as the last step in the protocol to sanitize the indoor air.

SOLUTIONS USED

- **DE-MOLD** Plant-based biological fog
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner
- **BIO-CLEAN** Plant-based biological surface cleaner

1 Days to complete work

2 Technicians performing work

3 Solutions used for remediation

RESULTS

Organism	Pre Counts	Post Counts	Reduction
Ascospores	3,482	205	94.1%
Aspergilius / Penicillium	7,117	256	96.4%
Basidiospores	3,533	102	97.1%
Cladosporium	512	None Detected	100%
Total Spore	15,002	563	96.2%

Newton Microbial Laboratory

Newton Report ID
CAE20240207005R

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Vernon	CT	06066

Company Email	Company Phone Number	Date Collected	Date Received
[redacted]	[redacted]	2/6/2024	02/07/2024

Company Address	Company Name	Sample Collected by,	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	[redacted]	02/07/2024

Newton ML Sample ID	CAE20240207005RA001			CAE20240207005RA002			CAE20240207005RA003		
Sample Name/Location	Exterior			Bathroom			Basement		
Volume (L)	75			75			75		
Background	2			3			3		
Analytical Sensitivity (Cts/M³)	51			51			51		
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®		
Sample Type	Spore Trap			Spore Trap			Spore Trap		
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected		
Ascospores	2	102	10.00%	22	1,126	14.77%	68	3,482	23.21%
Aspergillus|Penicillium	8	410	40.00%	75	3,840	50.34%	139	7,117	47.44%
Basidiospores	5	256	25.00%	33	1,690	22.15%	69	3,533	23.55%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			2	102	1.34%	Not Detected		
Cladosporium	5	256	25.00%	10	512	6.71%	10	512	3.41%
Curvularia	Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	Not Detected			7	358	4.70%	4	205	1.37%
Pithomyces	Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			Not Detected			Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected		
Unspecified Spore	Not Detected			Not Detected			3	154	1.02%
Total	20	1,024	100.00%	149	7,629	100.00%	293	15,002	100.00%
Hyphal Fragment	Not Detected		-	12	614	-	4	205	-
Comments									

Newton Microbial Laboratory

Newton Report ID
CAE20240313008O

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Vernon	CT	06066
Company Email	**Company Phone Number**	**Date Collected**	**Date Received**	
[redacted]	[redacted]	3/12/2024	03/13/2024	
Company Address	**Company Name**	**Sample Collected by**	**Date Analyzed**	
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	[redacted]	03/13/2024	

Newton ML Sample ID	CAE20240313008OA001			CAE20240313008OA002			CAE20240313008OA003			CAE20240313008OA004		
Sample Name/Location	Exterior			Stairs			Bathroom			Basement		
Volume (L)	75			75			75			75		
Background	3			3			2			3		
Analytical Sensitivity (Cts/M³)	51			51			51			51		
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®			Air-O-Cell®		
Sample Type	Spore Trap			Spore Trap			Spore Trap			Spore Trap		
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected			Not Detected		
Ascospores	7	358	31.82%	3	154	23.08%	2	102	15.38%	4	205	36.36%
Aspergillus|Penicillium	4	205	18.18%	5	256	38.46%	5	256	38.46%	5	256	45.45%
Basidiospores	5	256	22.73%	4	205	30.77%	5	256	38.46%	2	102	18.18%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			Not Detected			Not Detected			Not Detected		
Cladosporium	3	154	13.64%	1	51	7.69%	1	51	7.69%	Not Detected		
Curvularia	Not Detected			Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	2	102	9.09%	Not Detected			Not Detected			Not Detected		
Pithomyces	Not Detected			Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			Not Detected			Not Detected			Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected			Not Detected		
Unspecified Spore	1	51	4.55%	Not Detected			Not Detected			Not Detected		
Total	22	1,126	100.00%	13	666	100.00%	13	666	100.00%	11	563	100.00%
Hyphal Fragment	2	102	-	1	51	-	2	102	-	Not Detected		-
Comments												

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

July, 2023
Kansas City

OVERVIEW

A young couple started exhibiting some allergy/respiratory-related symptoms in their newly constructed home. The homeowner, who owns a water damage restoration company, couldn't find any visual signs of mold growth or water damage.

Genesis Healthy Homes, in conjunction with a third-party testing company, was finally able to determine that when the carpet was in transit to the home, it wasn't wrapped and got wet. This moisture in the carpet led to the growth of Cladosporium, Stachybotrys, and Chaetomium.

The solution Genesis Healthy Homes provided was to air scrub while HEPA vacuuming all carpeted areas of the home. The entire air volume and carpets were then fogged with DE-Mold. Post-testing was conducted after treatment as well as 3 months later. The homeowners are ecstatic to feel healthy in their home and that the treatment was conducted utilizing products that didn't jeopardize the safety of their two young children.

½ Day to complete work

1 Technicians performing work

1 Solutions used for remediation

SOLUTIONS USED

DE-MOLD Plant-based biological fog

RESULTS

Organism	Pre Counts	Post Counts	Post Counts-2	Reduction
Cladosporium	160	<13	<13	~100%
Chaetomium & Stachybotrys	670	<13	<13	~100%
Total Spore	880	79	110	91.0%

Client: Genesis Healthy Homes, LLC
Contact: Erich Amerine
Project: [redacted]
Date of Sampling: 03-01-2023 and 03-28-2023
Date of Receipt: 03-02-2023 and 03-30-2023
Date of Report: 04-03-2023

MoldREPORT
Eurofins EMLab P & K
3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 Fax

Detailed Results of the Air Sample Analysis

Location Lab ID-version:‡[redacted]	Overall Mold Source Assessment* (Likelihood spores originated inside)		Overall Exposure Level (Shown on a log scale)				Outside ‡15561407-1	
	Lower <110 / 200 / Higher 300	Mold Score	Lower <200 / 1K / 10K / Higher >70K	Location spores/m3	Location raw ct		3503 spores/m3	1842 raw ct
[redacted]: Main Floor		300		880	66		370	37

Indicators of Mold Growth Indoors

	Indicator Mold Source Assessment* (Likelihood spores originated inside)		Indicator Exposure Level (Shown on a log scale)				
	Lower <110 / 200 / Higher 300	Mold Score	Lower <200 / 1K / 10K / Higher >70K	Location spores/m3	Location raw ct	Outside spores/m3	Outside raw ct
A) Penicillium/Aspergillus types**		100		< 13	0	< 7	0
B) Cladosporium species spores		107		160	12	270	22
C) Basidiospores		100		< 13	0	67	10
D) "Marker" spore types***		300		670	50	20	3
1) Stachybotrys 2) Chaetomium							
E) "Other" spore types***,****		121		53	4	14	2
1) Nigrospora 2) Other brown							

Other Sample Information

Sample clarity & visibility

	Good	Moderate	Poor
Location	X		
Outside		X	

"Good" = background debris is light enough to pose no difficulty in analyzing air samples.
"Poor" = background debris so heavy that it poses a significant difficulty in analyzing the air sample accurately. Results are most likely lower limits.

Other "normal trapping" spores***

Exposure Level (Highly unlikely to be from indoors)				
Lower <200 / 1K / 10K / Higher >70K	Location spores/m3	Location raw ct	Outside spores/m3	Outside raw ct
	< 13	0	< 7	0

	Location	Outside
Sample volume (liters)	75	150

Comments

Location	12of the raw count *Cladosporium* spores were present as a single clump.
Outside	16 of the raw count *Cladosporium* spores were present in three clumps of 6 and 4, and 6. Data transferred from EMLab ID: 3182442 at client's request.

* Rated on a scale from low to high. A MoldSCORE™ rating of <150 is low and indicates a low probability of spores originating inside. A MoldSCORE™ rating of >250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A MoldSCORE™ between 150 and 250 indicates a moderate likelihood of indoor fungal growth. Eurofins EMLab P&K's MoldSCORE™ analysis is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the MoldSCORE™ analysis on other samples (like wall cavity samples) will lead to misleading results.

** The spores of *Penicillium* and *Aspergillus* (and others such as *Acremonium* and *Paecilomyces)* are small and round with very few distinguishing characteristics. They cannot be differentiated by spore trap sampling methods. Also some species with very small spores are easily missed, and may be undercounted. The *Penicillium/Aspergillus* indicator operates on the assumption that the majority of the spores in this category are, in fact, *Penicillium* or *Aspergillus.*

*** The spores reported in this category come from many different mold types. As a result, the mold types represented by the counts for the "Location" sample may be different than the mold types represented by the counts for the outside sample. The totals shown are the summation of the rounded values for the spores types in the category and may contain more than two significant figures.

**** The spores of smuts, *Periconia*, and myxomycetes look similar and cannot generally be distinguished by spore trap analysis. Smuts are plant pathogens and are not likely to be on indoor surfaces. *Periconia* is rarely found growing indoors. However, myxomycetes, the spores of which look similar, can occasionally grow indoors. Because there is a small probability of indoor sources, these spore types are indicated in the "other" spore types category. False positives may result if the spores are smuts, not myxomycetes.

‡A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
Total spores/m3 has been rounded to two significant figures to reflect analytical precision.
The analytical sensitivity is the spores/m^3 divided by the raw count, expressed in spores/m^3, per spore and per sample.

Client: Genesis Healthy Homes, LLC
Contact: Erich Amerine
Project: Victor [redacted]
Date of Sampling: 03-01-2023 and 04-05-2023
Date of Receipt: 03-02-2023 and 04-07-2023
Date of Report: 04-10-2023

MoldREPORT
Eurofins EMLab P & K
3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 Fax

Detailed Results of the Air Sample Analysis

Location Lab ID-version:‡ [redacted]	Overall Mold Source Assessment* (Likelihood spores originated inside) Lower <110 / 200 / 300 Higher	Mold Score	Overall Exposure Level (Shown on a log scale) Lower <200 / 1K / 10K / >70K Higher	Location spores/m3	Location raw ct	Outside ‡15607034-1 spores/m3	Outside raw ct
[redacted] Kitchen		108		79	3	370	37

Indicators of Mold Growth Indoors

	Indicator Mold Source Assessment* (Likelihood spores originated inside) Lower <110 / 200 / 300 Higher	Mold Score	Indicator Exposure Level (Shown on a log scale) Lower <200 / 1K / 10K / >70K Higher	Location spores/m3	Location raw ct	Outside spores/m3	Outside raw ct
A) Penicillium/Aspergillus types**		100		< 13	0	< 7	0
B) Cladosporium species spores		100		< 13	0	270	22
C) Basidiospores		105		53	1	67	10
D) "Marker" spore types***		100		< 13	0	20	3
E) "Other" spore types***,****		108		26	2	14	2

1) Pithomyces 2) Smuts, Periconia, Myxomycetes

Other Sample Information

Sample clarity & visibility

	Good	Moderate	Poor
Location	X		
Outside		X	

"Good" = background debris is light enough to pose no difficulty in analyzing air samples.
"Poor" = background debris so heavy that it poses a significant difficulty in analyzing the air sample accurately. Results are most likely lower limits.

Other "normal trapping" spores***

Exposure Level (Highly unlikely to be from indoors) Lower <200 / 1K / 10K / >70K Higher	Location spores/m3	Location raw ct	Outside spores/m3	Outside raw ct
	< 13	0	< 7	0

	Location	Outside
Sample volume (liters)	75	150

Comments

Location	None
Outside	16 of the raw count *Cladosporium* spores were present in three clumps of 6 and 4, and 6. Data transferred from EMLab ID: [redacted] at client's request.

* Rated on a scale from low to high. A MoldSCORE™ rating of <150 is low and indicates a low probability of spores originating inside. A MoldSCORE™ rating of >250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A MoldSCORE™ between 150 and 250 indicates a moderate likelihood of indoor fungal growth. Eurofins EMLab P&K's MoldSCORE™ analysis is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the MoldSCORE™ analysis on other samples (like wall cavity samples) will lead to misleading results.

** The spores of *Penicillium* and *Aspergillus* (and others such as *Acremonium* and *Paecilomyces)* are small and round with very few distinguishing characteristics. They cannot be differentiated by spore trap sampling methods. Also some species with very small spores are easily missed, and may be undercounted. The *Penicillium/Aspergillus* indicator operates on the assumption that the majority of the spores in this category are, in fact, *Penicillium* or *Aspergillus.*

*** The spores reported in this category come from many different mold types. As a result, the mold types represented by the counts for the "Location" sample may be different than the mold types represented by the counts for the outside sample. The totals shown are the summation of the rounded values for the spores types in the category and may contain more than two significant figures.

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‡A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
Total spores/m3 has been rounded to two significant figures to reflect analytical precision.
The analytical sensitivity is the spores/m^3 divided by the raw count, expressed in spores/m^3, per spore and per sample.

Client: Genesis Healthy Homes, LLC
Contact: Erich Amerine
Project: [redacted]
Date of Sampling: 03-01-2023 and 07-18-2023
Date of Receipt: 03-02-2023 and 07-20-2023
Date of Report: 07-24-2023

MoldREPORT
Eurofins EMLab P & K
3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 Fax

Detailed Results of the Air Sample Analysis

Location Lab ID-version:‡ [redacted]	Overall Mold Source Assessment* (Likelihood spores originated inside)			Overall Exposure Level (Shown on a log scale)				Outside ‡16153895-1	
	Lower <110	200	Higher 300	Mold Score	Lower <200	1K	10K Higher >70K	Location spores/m3 / raw ct		3503 spores/m3	1842 raw ct
[redacted]: Kitchen				105				110	2	370	37

Indicators of Mold Growth Indoors

	Indicator Mold Source Assessment* (Likelihood spores originated inside)			Indicator Exposure Level (Shown on a log scale)				Outside	
	Lower <110	200	Higher 300	Mold Score	Lower <200	1K	10K Higher >70K	Location spores/m3 / raw ct		spores/m3	raw ct
A) Penicillium/Aspergillus types**				100				< 13	0	< 7	0
B) Cladosporium species spores				100				< 13	0	270	22
C) Basidiospores				105				53	1	67	10
D) "Marker" spore types***				100				< 13	0	20	3
E) "Other" spore types***,****				100				< 13	0	14	2

Other Sample Information

Sample clarity & visibility

	Good	Moderate	Poor
Location	X		
Outside		X	

"Good" = background debris is light enough to pose no difficulty in analyzing air samples.
"Poor" = background debris so heavy that it poses a significant difficulty in analyzing the air sample accurately. Results are most likely lower limits.

Other "normal trapping" spores***

Exposure Level (Highly unlikely to be from indoors)							
Lower <200	1K	10K Higher >70K	Location spores/m3	raw ct	Outside spores/m3	raw ct
			53	1	< 7	0

	Location	Outside
Sample volume (liters)	75	150

Comments

Location	None
Outside	16 of the raw count *Cladosporium* spores were present in three clumps of 6 and 4, and 6. Data transferred from EMLab ID: [redacted] at client's request.

* Rated on a scale from low to high. A MoldSCORE™ rating of <150 is low and indicates a low probability of spores originating inside. A MoldSCORE™ rating of >250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A MoldSCORE™ between 150 and 250 indicates a moderate likelihood of indoor fungal growth. Eurofins EMLab P&K's MoldSCORE™ analysis is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the MoldSCORE™ analysis on other samples (like wall cavity samples) will lead to misleading results.

** The spores of *Penicillium* and *Aspergillus* (and others such as *Acremonium* and *Paecilomyces)* are small and round with very few distinguishing characteristics. They cannot be differentiated by spore trap sampling methods. Also some species with very small spores are easily missed, and may be undercounted. The *Penicillium/Aspergillus* indicator operates on the assumption that the majority of the spores in this category are, in fact, *Penicillium* or *Aspergillus.*

*** The spores reported in this category come from many different mold types. As a result, the mold types represented by the counts for the "Location" sample may be different than the mold types represented by the counts for the outside sample. The totals shown are the summation of the rounded values for the spores types in the category and may contain more than two significant figures.

**** The spores of smuts, *Periconia*, and myxomycetes look similar and cannot generally be distinguished by spore trap analysis. Smuts are plant pathogens and are not likely to be on indoor surfaces. *Periconia* is rarely found growing indoors. However, myxomycetes, the spores of which look similar, can occasionally grow indoors. Because there is a small probability of indoor sources, these spore types are indicated in the "other" spore types category. False positives may result if the spores are smuts, not myxomycetes.

‡A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
Total spores/m3 has been rounded to two significant figures to reflect analytical precision.
The analytical sensitivity is the spores/m^3 divided by the raw count, expressed in spores/m^3, per spore and per sample.

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

May 2024
South Windsor, CT

OVERVIEW

This home experienced unusually high mold levels compared to typical cases our remediation partners handle. Elevated moisture levels caused significant mold growth in an unfinished basement area, which adversely impacted the environment and indoor air quality (IAQ) of the adjacent finished basement.

Our powerful products enabled a straightforward yet effective remediation process. Finished surfaces were wiped with BIO-Clean, unfinished surfaces were treated with RE-Hydro, and both basement areas were fogged with DE-Mold. This approach achieved a 99.7% reduction in total mold counts.

SOLUTIONS USED

- **DE-MOLD** Probiotic biological fog
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner
- **BIO-CLEAN** Probiotic biological surface cleaner

1 Day to complete work

2 Technicians performing work

3 Solutions used for remediation

RESULTS

Organism	Pre Counts	Post Counts	Reduction
Ascospores	461	922	100% (increase)*
Aspergillus / Penicillium	870,144	1,075	99.9%
Bipolaris	1,178	102	91.3%
Chaetomium	1,178	None Detected	100%
Total Spore	873,677	2,253	99.7%

*The increase in Ascospores is likely attributed to the very high levels of Aspergillus / Penicillium releasing Ascospores in response to being attacked by biologicals in DE-Mold.

Newton Microbial Laboratory

Newton Report ID [redacted]

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Windsor Locks	CT	06096

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9983	5/8/2024	05/09/2024

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	05/09/2024

Newton ML Sample ID	CAE20240509004RA001	CAE20240509004RA002	CAE20240509004RA003	CAE20240509004RA004
Sample Name/Location	Exterior	Basement - Finished	Basement - Unfinished	Basement - Wall Cavity
Volume (L)	75	75	75	15
Background	2	4	4	4
Analytical Sensitivity (Cts/M³)	51	51	51	256
Cassette Type	Air-O-Cell®	Air-O-Cell®	Air-O-Cell®	Air-O-Cell®
Sample Type	Spore Trap	Spore Trap	Spore Trap	Spore Trap

Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			2	102	0.01%	Not Detected		
Ascospores	1,335	68,352	68.15%	112	5,734	34.89%	9	461	0.05%	8	2,048	50.00%
Aspergillus|Penicillium	12	614	0.61%	63	3,226	19.63%	16,995	870,144	99.60%	5	1,280	31.25%
Basidiospores	600	30,720	30.63%	95	4,864	29.60%	23	1,178	0.13%	1	256	6.25%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			18	922	5.61%	23	1,178	0.13%	1	256	6.25%
Cladosporium	9	461	0.46%	27	1,382	8.41%	2	102	0.01%	Not Detected		
Curvularia	Not Detected			1	51	0.31%	Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	2	102	0.10%	4	205	1.25%	4	205	0.02%	1	256	6.25%
Pithomyces	Not Detected			1	51	0.31%	4	205	0.02%	Not Detected		
Stachybotrys	Not Detected			Not Detected			2	102	0.01%	Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected			Not Detected		
Unspecified Spore	1	51	0.05%	Not Detected			Not Detected			Not Detected		
Total	1,959	100,301	100.00%	321	16,435	100.00%	17,064	873,677	100.00%	16	4,096	100.00%
Hyphal Fragment	Not Detected		-	22	1126	-	11	563	-	Not Detected		-
Comments												

Newton Microbial Laboratory

Newton Report ID [redacted]

Property/Customer Name [redacted]	Site Street Address [redacted]	Site City: Windsor Locks	Site State: CT / Site Zip: 06096
Company Email: inspections@sherwoodinspection.com;david@sherwoodinspection.com	Company Phone Number: 860-646-9983	Date Collected: 5/23/2024	Date Received: 05/24/2024
Company Address: 1071 Ellington Rd, South Windsor, CT 6074	Company Name: Sherwood Inspection Services	Sample Collected by: Brad Peters	Date Analyzed: 05/24/2024

Newton ML Sample ID	CAE20240524003OA001			CAE20240524003OA002			CAE20240524003OA003			CAE20240524003OA004		
Sample Name/Location	Exterior			Kitchen			Basement - Finished			Basement - Unfinished		
Volume (L)	75			75			75			75		
Background	4			3			3			3		
Analytical Sensitivity (Cts/M³)	51			51			51			51		
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®			Air-O-Cell®		
Sample Type	Spore Trap			Spore Trap			Spore Trap			Spore Trap		
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected			Not Detected		
Ascospores	255	13,056	55.56%	5	256	18.52%	10	512	33.33%	18	922	40.91%
Aspergillus|Penicillium	9	461	1.96%	14	717	51.85%	8	410	26.67%	21	1,075	47.73%
Basidiospores	136	6,963	29.63%	4	205	14.81%	4	205	13.33%	2	102	4.55%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			Not Detected			Not Detected			Not Detected		
Cladosporium	55	2,816	11.98%	3	154	11.11%	Not Detected			2	102	4.55%
Curvularia	1	51	0.22%	Not Detected			1	51	3.33%	Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected			Not Detected		
Fusarium	1	51	0.22%	Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	1	51	0.22%	Not Detected			7	358	23.33%	Not Detected		
Pithomyces	Not Detected			Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			Not Detected			Not Detected			Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected			Not Detected		
Unspecified Spore	1	51	0.22%	1	51	3.70%	Not Detected			1	51	2.27%
Total	459	23,501	100.00%	27	1,382	100.00%	30	1,536	100.00%	44	2,253	100.00%
Hyphal Fragment	5	256	-	2	102	-	4	205	-	6	307	-
Comments												

Newton Fungal Assessment Report V201611.2

AGS ISO/IEC 17025:2017 Certified Number: AGS-US090914-1-2
Page 2 of 13

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

Jul 2024
Evanston, IL

OVERVIEW

There are two different environments that can affect the indoor air quality of a home. The first and most obvious environment is the interior of the home itself. The second, and in this case the main contributor, is the outdoor environment surrounding the home. Air sampling was conducted by the homeowner after an increase in allergy-related symptoms among individuals in the home.

Elevated levels of non-mold fungi as well as slime mold were found to have accumulated in the entryway of the home. The use of a screen door for ventilation and a large quantity of vegetation in proximity to the front door contributed to the high levels.

The contaminated area was fogged with DE-Mold to sterilize all surfaces and materials as well as thoroughly sanitize the air. This resulted in a 100% reduction in the non-mold fungi.

1 Day to complete work

2 Technicians performing work

1 Solution used for remediation

SOLUTIONS USED

DE-MOLD Probiotic biological fog

RESULTS

Organism	Pre Counts	Post Counts	Reduction
Smuts/Periconia/ Myxomycetes	210,000	None Detected	100%
Hyphal Fragment	107	None Detected	100%
Total	210,000	426	99.8%

3 - Laboratory Results

Location: Entry Foyer Swab

Sample # E204243 - 1

Medium Type: Swab - Direct Exam
Serial # 04-12-A

Sample Identification	Prevalence
- Fungi -	
Pen/Asp group	Present on 51 - 75% of sample area.

Background Item	Level
Dust / Debris	Very Low
Hyphal Fragments	Very Low
Opaque Particles	Very Low

Laboratory Conclusion: Possible fungal growth at this site.

Location: Entry Foyer

Sample # E204243 - 2

Medium Type: Air-O-Cell
Serial # 8036
Exposure: 15.00 l/min. for 5.00 min.
Total Volume: 75.00 liters
Reporting Limit: 53 Spores/cu. m

NOTE: Estimated raw count on Smuts/Periconia/Myxomycetes.

Sample Identification	Raw Count	Spores/cu. m	Percent(%)
- Fungi -			
Smuts/Periconia/Myxomycetes	3,940	210,000	99.97%
Rust	1	53	0.03%
Total Fungi	3,941	210,000	100.00%
- Other -			
Hyphal Fragment	2	107	100.00%

Background Item	Level
Dust / Debris	Low
Hyphal Fragments	Very Low
Opaque Particles	Low

Location: Attic

Sample # E204243 - 3

Medium Type: Air-O-Cell
Serial # 8018
Exposure: 15.00 l/min. for 5.00 min.
Total Volume: 75.00 liters
Reporting Limit: 53 Spores/cu. m

NOTE: Background material severely interfered with analysis. Spore levels and types may be underestimates.

Sample Identification	Raw Count	Spores/cu. m	Percent(%)
- Fungi -			
Cladosporium	28	1,490	37.76%
Pen/Asp group	26	1,390	35.23%
Basidiospores	17	907	22.99%
Chaetomium	1	53	1.34%
Smuts/Periconia/Myxomycetes	1	53	1.34%
Stachybotrys	1	53	1.34%
Total Fungi	74	3,950	100.00%
- Other -			
Hyphal Fragment	6	320	100.00%

- Sample data continued on next page -

Background Item	Level
Dust / Debris	Very High
Hyphal Fragments	Low
Opaque Particles	High

Location: Kids' Bedroom

Sample # E204243 - 4

Medium Type: Air-O-Cell
Serial # 8025
Exposure: 15.00 l/min. for 5.00 min.
Total Volume: 75.00 liters
Reporting Limit: 53 Spores/cu. m

Sample Identification	Raw Count	Spores/cu. m	Percent(%)
- Fungi -			
Pen/Asp group	4	213	50.00%
Basidiospores	2	107	25.12%
Cercospora group	1	53	12.44%
Cladosporium	1	53	12.44%
Total Fungi	8	426	100.00%

Background Item	Level
Dust / Debris	Low
Opaque Particles	Low

Analytic Methods and Formulas:

Calculated results may include one more significant figure than is mathematically justified in order to accommodate the client's needs.

IMS Analytical Method: 2.6.1 (method for analyzing abundant organisms tape lift).

IMS Laboratory Analytical Method: 2.2 (method for analyzing spore trap). Counting and identification performed at 600X magnification.

Spores per cubic meter is determined by: Total Spore Count x 4000 / (sampling rate x sampling time).

Note that this report may use mold-specific units of measure, such as Spores/cu. m and CFU/cu. m, for Sample Identifications which are not mold. Examples include pollen, fabric and fiberglass fibers, insect particles, and ash. In this context, "CFU" and "Spore" refer to individual pieces of the identified material. For Background Items, the Levels are defined thus: "Very Low" is present on less than 5% of sample area; "Low" is present on 6%-25% of sample area; "Medium" is present on 26%-50% of sample area; "High" is present on 51%-75% of sample area; "Very High" is present on 76%-100% of sample area.

IMS Laboratory, LLC is accredited through the AIHA LAP and participates in Environmental Microbiology Proficiency Testing, EMPAT #172958. Data is provided in compliance with AIHA LAP policy modules and ISO/IEC 17025:2017 guidelines.

Accredited Laboratory AIHA LAP, LLC Lab ID # 172958

Kathryn C. Langley 04/16/2024

Kathryn C. Langley, Laboratory Manager

[redacted]

4 - Spore Trap Comparison Chart

SAMPLING LOCATIONS

1: Entry Foyer
2: Attic
3: Kids' Bedroom

Spores per Cubic Meter

Mold Name \ Location #	1	2	3
Alternaria			
Arthrinium			
Ascospores			
Basidiospores		907	107
Bipolaris / Drechslera group			
Cercospora group			53
Chaetomium		53	
Cladosporium		1,490	53
Curvularia			
Erysiphe/Oidium			
Fusarium			
Ganoderma			
Mitospores			
Pen/Asp group		1,390	213
Pithomyces			
Polythrincium			
Rust	53		
Smuts/Periconia/Myxomycetes	210,000	53	
Stachybotrys		53	
Stemphylium			
Torula			
Unknown Fungi			
FUNGAL TOTAL	**210,000**	**3,950**	**426**
Hyphal Fragment	107	320	
Pollen			

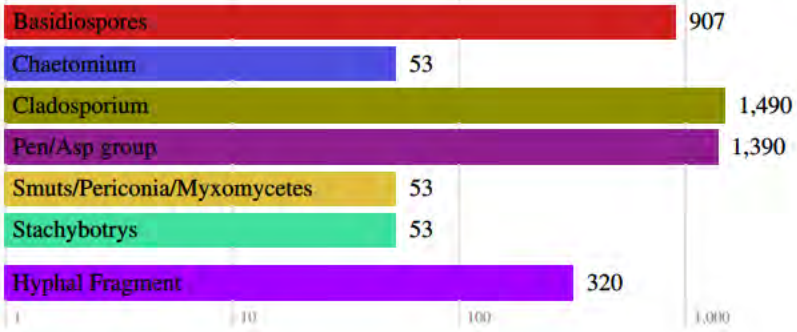
Please refer to the Laboratory Results section for additional details.

5 - Sample Comparison Graph

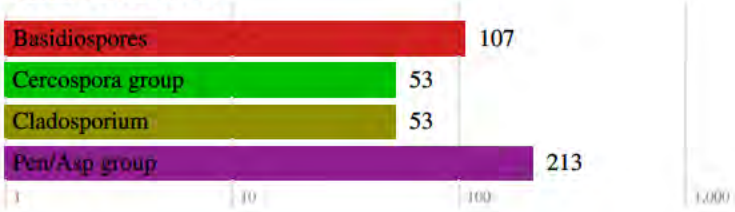
Spore Trap Samples - Spores per Cubic Meter

Entry Foyer

Attic



Kids' Bedroom



6 - Background Comparison Graph

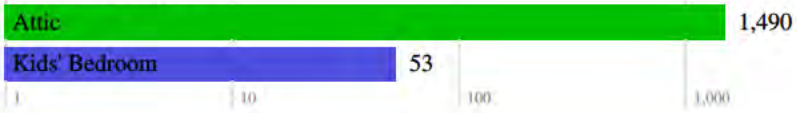
Spore Trap Samples - Spores per Cubic Meter

Basidiospores

Cercospora group

Chaetomium

Cladosporium



Pen/Asp group

Rust

Smuts/Periconia/Myxomycetes

Stachybotrys

IMS Laboratory

Report Prepared For: [redacted]
Project Name: [redacted]
Project Number: [redacted]
Report Date: 04/16/2024
Lab Number: [redacted]

Spore Trap Samples - Spores per Cubic Meter

Hyphal Fragment

[redacted]

3 - Laboratory Results

Location: Hallway / Foyer

Sample # E207687 - 1

Medium Type: Air-O-Cell
Serial # 0208
Exposure: 15.00 l/min. for 5.00 min.
Total Volume: 75.00 liters
Reporting Limit: 53 Spores/cu. m

Sample Identification	Raw Count	Spores/cu. m	Percent(%)
- Fungi -			
Basidiospores	5	267	62.68%
Alternaria	1	53	12.44%
Cladosporium	1	53	12.44%
Pen/Asp group	1	53	12.44%
Total Fungi	8	426	100.00%

Background Item	Level
Dust / Debris	Low
Opaque Particles	Very Low

Analytic Methods and Formulas:

Calculated results may include one more significant figure than is mathematically justified in order to accommodate the client's needs.

IMS Laboratory Analytical Method: 2.2 (method for analyzing spore trap). Counting and identification performed at 600X magnification.

Spores per cubic meter is determined by: Total Spore Count x 4000 / (sampling rate x sampling time).

Note that this report may use mold-specific units of measure, such as Spores/cu. m and CFU/cu. m, for Sample Identifications which are not mold. Examples include pollen, fabric and fiberglass fibers, insect particles, and ash. In this context, "CFU" and "Spore" refer to individual pieces of the identified material. For Background Items, the Levels are defined thus: "Very Low" is present on less than 5% of sample area; "Low" is present on 6%-25% of sample area; "Medium" is present on 26%-50% of sample area; "High" is present on 51%-75% of sample area; "Very High" is present on 76%-100% of sample area.

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Accredited Laboratory AIHA LAP, LLC Lab ID # 172958

Kathryn C. Langley 07/09/2024

Kathryn C. Langley, Laboratory Manager

[redacted]

4 - Spore Trap Comparison Chart

SAMPLING LOCATIONS

1: Hallway / Foyer

Spores per Cubic Meter

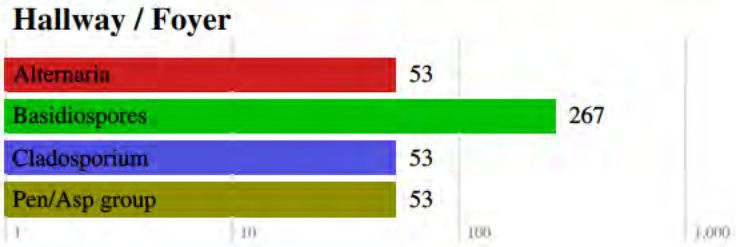
Mold Name \ Location #	1
Alternaria	53
Arthrinium	
Ascospores	
Basidiospores	267
Bipolaris / Drechslera group	
Chaetomium	
Cladosporium	53
Curvularia	
Erysiphe/Oidium	
Fusarium	
Ganoderma	
Mitospores	
Pen/Asp group	53
Pithomyces	
Polythrincium	
Rust	
Smuts/Periconia/Myxomycetes	
Stachybotrys	
Stemphylium	
Torula	
Unknown Fungi	
FUNGAL TOTAL	**426**
Pollen	

Please refer to the Laboratory Results section for additional details.

[redacted]

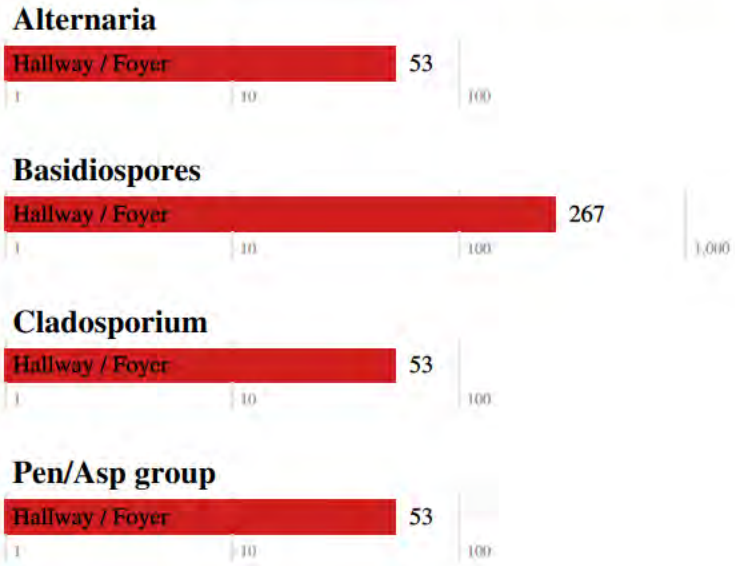
5 - Sample Comparison Graph

Spore Trap Samples - Spores per Cubic Meter



6 - Background Comparison Graph

Spore Trap Samples - Spores per Cubic Meter



HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

August 2024
Middletown, Connecticut

OVERVIEW

This is a common scenario where a deteriorated or damaged roof leads to water penetration and mold growth on the second-floor ceiling. Roofers repaired the roof and addressed the leaks. In two rooms on the upper level, the ceiling was removed to expose the cavity. Raw materials inside the ceiling cavity were treated with RE-Hydro, while the finished surfaces and room contents were cleaned with BIO-Clean. Finally, the entire home was fogged with DE-Mold, our flagship probiotic cleaner, to ensure the entire air volume was treated.

The performance of our products and protocols against Ascospores, Aspergillus / Penicillium, Basidiospores and Cladosporium is obvious with a near 100% reduction across the board. (Ascospores was reduced to 154 counts. 1/10th of the exterior control sample.)

1 Day to complete work

2 Technicians performing work

3 Solutions used for remediation

SOLUTIONS USED

- **DE-MOLD** Probiotic biological fog
- **BIO-CLEAN** Probiotic biological surface cleaner
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner

RESULTS

Organism	Pre Counts	Post Counts	Reduction
Ascospores	614	154	74.9%
Aspergillus / Penicillium	322,560	102	100%
Basidiospores	256	None Detected	100%
Cladosporium	307	None Detected	100%
Total Spore	323,994	256	99.9%

Newton Microbial Laboratory

Newton Report ID [redacted]

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Middletown	CT	06457

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com; david@sherwoodinspection.com	860-646-9983	8/16/2024	08/19/2024

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	08/19/2024

Newton ML Sample ID	CAE20240819009RA001	CAE20240819009RA002	CAE20240819009RA003			
Sample Name/Location	Exterior	Master Bedroom	Bedroom 1			
Volume (L)	75	75	75			
Background	2	3	2			
Analytical Sensitivity (Cts/M³)	51	51	51			
Cassette Type	Air-O-Cell®	Air-O-Cell®	Air-O-Cell®			
Sample Type	Spore Trap	Spore Trap	Spore Trap			

Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected		
Ascospores	375	19,200	35.44%	12	614	0.19%	2	102	0.04%
Aspergillus|Penicillium	12	614	1.13%	6,300	322,560	99.56%	5,130	262,656	99.79%
Basidiospores	645	33,024	60.96%	5	256	0.08%	2	102	0.04%
Bipolaris|Drechslera	1	51	0.09%	Not Detected			Not Detected		
Chaetomium	Not Detected			2	102	0.03%	Not Detected		
Cladosporium	19	973	1.80%	6	307	0.09%	3	154	0.06%
Curvularia	Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	2	102	0.19%	3	154	0.05%	3	154	0.06%
Pithomyces	Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			Not Detected			Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected		
Unspecified Spore	4	205	0.38%	Not Detected			1	51	0.02%
Total	1,058	54,170	100.00%	6,328	323,994	100.00%	5,141	263,219	100.00%
Hyphal Fragment	3	154	-	7	358	-	7	358	-
Comments									

Newton Microbial Laboratory

Newton Report ID: [redacted]

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Middletown	CT	06457

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9983	9/20/2024	09/23/2024

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	09/23/2024

Newton ML Sample ID	CAE20240923012OP001	CAE20240923012OP002	CAE20240923012OP003
Sample Name/Location	Exterior	Master Bedroom	Bedroom 1
Volume (L)	75	75	75
Background	2	3	3
Analytical Sensitivity (Cts/M³)	51	51	51
Cassette Type	PRO15	PRO15	PRO15
Sample Type	Spore Trap	Spore Trap	Spore Trap

Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected		
Ascospores	30	1,536	19.48%	3	154	60.00%	5	256	71.43%
Aspergillus|Penicillium	Not Detected			2	102	40.00%	2	102	28.57%
Basidiospores	43	2,202	27.92%	Not Detected			Not Detected		
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			Not Detected			Not Detected		
Cladosporium	53	2,714	34.42%	Not Detected			Not Detected		
Curvularia	Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	3	154	1.95%	Not Detected			Not Detected		
Pithomyces	Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			Not Detected			Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected		
Torula	18	922	11.69%	Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected		
Unspecified Spore	7	358	4.55%	Not Detected			Not Detected		
Total	154	7,885	100.00%	5	256	100.00%	7	358	100.00%
Hyphal Fragment	1	51	-	Not Detected		-	Not Detected		-
Comments									

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

September 2024
Elgin, Illinois

OVERVIEW

Over time, wear and tear can significantly impact buildings, making them more susceptible to mold issues without proper maintenance. This old farmhouse attic was one of the most extreme cases our service providers have ever seen. The extrapolated Aspergillus / Penicillium mold spore levels exceeded the software's upper limit of 18,500,000. (Note: This is why the Aspergillus / Penicillium and total spore counts are identical.) Additionally, non-mold particulates were so high they likely suppressed true counts.

Surface cleaning with our powerful hydrogen peroxide solution, RE-Hydro, followed by fogging with our probiotic solution, DE-Mold, brought Aspergillus / Penicillium counts down to undetectable levels. Cladosporium levels were reduced by at least 50% after just one treatment. Given the limitations mentioned earlier, it's likely that the initial Cladosporium counts were even higher during the pre-test.

SOLUTIONS USED

- **DE-MOLD** Probiotic biological fog
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner

1 Day to complete work

2 Technicians performing work

2 Solutions used for remediation

RESULTS

Organism	Pre Counts	Post Counts	Reduction
Aspergillus / Penicillium	18,500,000	None Detected	100%
Cladosporium	1,760	853	51.5%
Total Spore	18,500,00	1,600	100%

3 - Laboratory Results

Location: Attic

Sample # [redacted]
Medium Type: Air-O-Cell
Serial # 0210
Exposure: 15.00 l/min. for 5.00 min.
Total Volume: 75.00 liters
Reporting Limit: 53 Spores/cu. m

NOTE: Background material severely interfered with analysis. Spore levels and types may be underestimates. Estimated raw count on Pen/Asp group.

Sample Identification	Raw Count	Spores/cu. m	Percent(%)
- Fungi -			
Pen/Asp group	347,000	18,500,000	99.99%
Cladosporium	33	1,760	0.01%
Ascospores	3	160	0.00%
Basidiospores	3	160	0.00%
Smuts/Periconia/Myxomycetes	2	107	0.00%
Chaetomium	1	53	0.00%
Epicoccum nigrum	1	53	0.00%
Mitospores	1	53	0.00%
Total Fungi	347,044	18,500,000	100.00%
- Other -			
Hyphal Fragment	10	533	100.00%

Background Item	Level
Dust / Debris	Very High
Hyphal Fragments	Low
Opaque Particles	Very High

Location: Attic

Sample # [redacted]
Medium Type: Swab - Direct Exam
Serial # Swab

Sample Identification	Prevalence
- Fungi -	
Pen/Asp group	Present on 5 - 25% of sample area.
Cladosporium	Present on less than 5% of sample area.

Background Item	Level
Dust / Debris	Very Low
Hyphal Fragments	Low
Opaque Particles	Very Low

Laboratory Conclusion: Possible fungal growth at this site.

Analytic Methods and Formulas:

Calculated results may include one more significant figure than is mathematically justified in order to accommodate the client's needs.

IMS Analytical Method: 2.6.1 (method for analyzing abundant organisms tape lift).

IMS Laboratory Analytical Method: 2.2 (method for analyzing spore trap). Counting and identification performed at 600X magnification.

Spores per cubic meter is determined by: Total Spore Count x 4000 / (sampling rate x sampling time).

Note that this report may use mold-specific units of measure, such as Spores/cu. m and CFU/cu. m, for Sample Identifications which are not mold. Examples include pollen, fabric and fiberglass fibers, insect particles, and ash. In this context, "CFU" and "Spore" refer to individual pieces of the identified material. For Background Items, the Levels are defined thus: "Very Low" is present on less than 5% of sample area; "Low" is present on 6%-25% of sample area; "Medium" is present on 26%-50% of sample area; "High" is present on 51%-75% of sample area; "Very High" is present on 76%-100% of sample area.

[redacted]

IMS Laboratory

Report Prepared For: [redacted]
Project Name:
Report Date: 07/02/2024
Lab Number: [redacted]

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Accredited Laboratory AIHA LAP LLC Lab ID # 172958

Kathryn C. Langley 07/02/2024

Kathryn C. Langley, Laboratory Manager

[redacted]

4 - Spore Trap Comparison Chart

SAMPLING LOCATIONS

1: Attic

Spores per Cubic Meter

Mold Name \ Location #	1
Alternaria	
Arthrinium	
Ascospores	160
Basidiospores	160
Bipolaris / Drechslera group	
Chaetomium	53
Cladosporium	1,760
Curvularia	
Epicoccum nigrum	53
Erysiphe/Oidium	
Fusarium	
Ganoderma	
Mitospores	53
Pen/Asp group	18,500,000
Pithomyces	
Polythrincium	
Rust	
Smuts/Periconia/Myxomycetes	107
Stachybotrys	
Stemphylium	
Torula	
Unknown Fungi	
FUNGAL TOTAL	**18,500,000**
Hyphal Fragment	533
Pollen	

Please refer to the Laboratory Results section for additional details.

3 - Laboratory Results

Location: Attic

Sample # [redacted]
Medium Type: Air-O-Cell
Serial # 5929
Exposure: 15.00 l/min. for 5.00 min.
Total Volume: 75.00 liters
Reporting Limit: 53 Spores/cu. m

Sample Identification	Raw Count	Spores/cu. m	Percent(%)
- Fungi -			
Cladosporium	16	853	53.38%
Basidiospores	7	373	23.34%
Ascospores	4	213	13.33%
Ganoderma	1	53	3.32%
Mitospores	1	53	3.32%
Rust	1	53	3.32%
Total Fungi	30	1,600	100.00%
- Other -			
Pollen	4	213	100.00%

Background Item	Level
Dust / Debris	Medium
Opaque Particles	Very Low

Analytic Methods and Formulas:

Calculated results may include one more significant figure than is mathematically justified in order to accommodate the client's needs.

IMS Laboratory Analytical Method: 2.2 (method for analyzing spore trap). Counting and identification performed at 600X magnification.

Spores per cubic meter is determined by: Total Spore Count x 4000 / (sampling rate x sampling time).

Note that this report may use mold-specific units of measure, such as Spores/cu. m and CFU/cu. m, for Sample Identifications which are not mold. Examples include pollen, fabric and fiberglass fibers, insect particles, and ash. In this context, "CFU" and "Spore" refer to individual pieces of the identified material. For Background Items, the Levels are defined thus: "Very Low" is present on less than 5% of sample area; "Low" is present on 6%-25% of sample area; "Medium" is present on 26%-50% of sample area; "High" is present on 51%-75% of sample area; "Very High" is present on 76%-100% of sample area.

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Accredited Laboratory AIHA LAP, LLC Lab ID # 172958

Kathryn C. Langley 09/03/2024

Kathryn C. Langley, Laboratory Manager

[redacted]

4 - Spore Trap Comparison Chart

SAMPLING LOCATIONS

1: Attic

Spores per Cubic Meter

Mold Name \ Location #	1
Alternaria	
Arthrinium	
Ascospores	213
Basidiospores	373
Bipolaris / Drechslera group	
Chaetomium	
Cladosporium	853
Curvularia	
Erysiphe/Oidium	
Fusarium	
Ganoderma	53
Mitospores	53
Pen/Asp group	
Pithomyces	
Polythrincium	
Rust	53
Smuts/Periconia/Myxomycetes	
Stachybotrys	
Stemphylium	
Torula	
Unknown Fungi	
FUNGAL TOTAL	**1,600**
Pollen	213
Pollen	

Please refer to the Laboratory Results section for additional details.

[redacted]

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

November 2024
Hartford, Connecticut

OVERVIEW

Leaking pipes in a multi-family home caused water intrusion and mold growth in the lower apartment and basement. After addressing the plumbing issues, the affected areas were thoroughly cleaned and treated.

In the basement, raw materials were cleaned with RE-Hydro, while finished surfaces and room contents were cleaned with BIO-Clean. To ensure a comprehensive treatment, the entire home was fogged with DE-Mold, our flagship probiotic cleaner.

Our products and protocols were highly effective against Aspergillus / Penicillium, Basidiospores, and Cladosporium, resulting in a significant reduction across the board. The total spore reduction was almost 98%. It's worth noting the consistently high exterior control samples, which contribute to the interior levels.

1 Day to complete work

2 Technicians performing work

3 Solutions used for remediation

SOLUTIONS USED

- **DE-MOLD** Probiotic biological fog
- **BIO-CLEAN** Probiotic biological surface cleaner
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner

RESULTS

Organism	Pre Counts	Post Counts	Reduction
Aspergillus / Penicillium	153,600	973	99.4%
Basidiospores	125,184	3,584	67.1%
Cladosporium	1,024	512	50.0%
Total Spore	281,242	6,400	97.7%

Newton Microbial Laboratory

Newton Report ID [redacted]

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Hartford	CT	06106

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9983	10/24/2024	10/25/2024

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	10/25/2024

Newton ML Sample ID	[redacted]	[redacted]	[redacted]								
Sample Name/Location	Exterior			Front Room			Basement				
Volume (L)	75			75			75				
Background	3			3			3				
Analytical Sensitivity (Cts/M³)	51			51			51				
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®				
Sample Type	Spore Trap			Spore Trap			Spore Trap				
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total			
Alternaria	Not Detected			Not Detected			Not Detected					
Ascospores	77	3,942	18.12%	3	154	0.08%	12	614	0.22%			
Aspergillus|Penicillium	52	2,662	12.24%	3,840	196,608	97.76%	3,000	153,600	54.61%			
Basidiospores	198	10,138	46.59%	65	3,328	1.65%	2,445	125,184	44.51%			
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected					
Chaetomium	Not Detected			Not Detected			20	1,024	0.36%			
Cladosporium	75	3,840	17.65%	15	768	0.38%	9	461	0.16%			
Curvularia	1	51	0.24%	Not Detected			Not Detected					
Epicoccum	2	102	0.47%	2	102	0.05%	Not Detected					
Fusarium	Not Detected			Not Detected			Not Detected					
Memnoniella	Not Detected			Not Detected			Not Detected					
Myxomycetes|Smuts	12	614	2.82%	3	154	0.08%	3	154	0.05%			
Pithomyces	2	102	0.47%	Not Detected			1	51	0.02%			
Stachybotrys	1	51	0.24%	Not Detected			3	154	0.05%			
Stemphylium	Not Detected			Not Detected			Not Detected					
Torula	Not Detected			Not Detected			Not Detected					
Trichoderma	Not Detected			Not Detected			Not Detected					
Ulocladium	Not Detected			Not Detected			Not Detected					
Unspecified Spore	5	256	1.18%	Not Detected			Not Detected					
Total	425	21,760	100.00%	3,928	201,114	100.00%	5,493	281,242	100.00%			
Hyphal Fragment	12	614	-	25	1280	-	360	18432	-			
Comments												

Newton Microbial Laboratory

Newton Report ID [redacted]

Newton Microbial Laboratory

Newton Report ID: [redacted]

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Hartford	CT	06106

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9983	11/8/2024	11/11/2024

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	11/11/2024

Newton ML Sample ID	[redacted]	[redacted]	[redacted]								
Sample Name/Location	Exterior			Living Room			Basement				
Volume (L)	75			75			75				
Background	2			2			3				
Analytical Sensitivity (Cts/M³)	51			51			51				
Cassette Type	PRO15			PRO15			PRO15				
Sample Type	Spore Trap			Spore Trap			Spore Trap				
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total			
Alternaria	2	102	0.60%	Not Detected			Not Detected					
Ascospores	51	2,611	15.32%	9	461	32.14%	22	1,126	17.60%			
Aspergillus|Penicillium	44	2,253	13.21%	5	256	17.86%	19	973	15.20%			
Basidiospores	101	5,171	30.33%	10	512	35.71%	70	3,584	56.00%			
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected					
Chaetomium	Not Detected			Not Detected			3	154	2.40%			
Cladosporium	135	6,912	40.54%	4	205	14.29%	10	512	8.00%			
Curvularia	Not Detected			Not Detected			Not Detected					
Epicoccum	Not Detected			Not Detected			Not Detected					
Fusarium	Not Detected			Not Detected			Not Detected					
Memnoniella	Not Detected			Not Detected			Not Detected					
Myxomycetes|Smuts	Not Detected			Not Detected			1	51	0.80%			
Pithomyces	Not Detected			Not Detected			Not Detected					
Stachybotrys	Not Detected			Not Detected			Not Detected					
Stemphylium	Not Detected			Not Detected			Not Detected					
Torula	Not Detected			Not Detected			Not Detected					
Trichoderma	Not Detected			Not Detected			Not Detected					
Ulocladium	Not Detected			Not Detected			Not Detected					
Unspecified Spore	Not Detected			Not Detected			Not Detected					
Total	333	17,050	100.00%	28	1,434	100.00%	125	6,400	100.00%			
Hyphal Fragment	5	256	-	2	102	-	2	102	-			
Comments												

Newton Microbial Laboratory

Newton Report ID [redacted]

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

October 2024
West Hartford, Connecticut

OVERVIEW

Lack of home maintenance resulted in water intrusion and elevated humidity levels, leading to mold growth in the primary bedroom and basement. After addressing the water intrusion, cleaning and treatment were performed. In the basement, raw materials were cleaned with RE-Hydro, while finished surfaces and room contents were cleaned with BIO-Clean. To ensure thorough treatment, the entire home was fogged with DE-Mold, our flagship probiotic cleaner.

Our products and protocols effectively reduced Aspergillus / Penicillium, Chaetomium, Cladosporium, and Stachybotrys, with significant results across the board. The total spore reduction was 92%. It's worth noting the consistently high exterior control samples, which contribute to the interior levels.

1 Day to complete work

2 Technicians performing work

3 Solutions used for remediation

SOLUTIONS USED

- **DE-MOLD** Probiotic biological fog
- **BIO-CLEAN** Probiotic biological surface cleaner
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner

RESULTS

Organism	Pre Counts	Post Counts	Reduction
Aspergillus / Penicillium	37, 792	1,280	96.6%
Chaetomium	512	None Detected	100%
Cladosporium	1,229	461	62.5%
Stachybotrys	1,997	None Detected	100%
Total Spore	39,066	3,123	92.0%

Newton Microbial Laboratory

Newton Report ID [redacted]R

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	West Hartford	CT	06117

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9983	10/14/2024	10/15/2024

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Erik Padilla	10/15/2024

Newton ML Sample ID	[redacted]	[redacted]	[redacted]									
Sample Name/Location	Control/Outside			Master Bedroom			Basement					
Volume (L)	75			75			75					
Background	3			3			4					
Analytical Sensitivity (Cts/M³)	51			51			51					
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®					
Sample Type	Spore Trap			Spore Trap			Spore Trap					
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total			
Alternaria	1	51	0.23%	Not Detected			1	51	0.13%			
Ascospores	67	3,430	15.62%	27	1,382	24.77%	9	461	1.18%			
Aspergillus|Penicillium	47	2,406	10.96%	23	1,178	21.10%	660	33,792	86.50%			
Basidiospores	185	9,472	43.12%	27	1,382	24.77%	16	819	2.10%			
Bipolaris|Drechslera	Not Detected			Not Detected			2	102	0.26%			
Chaetomium	Not Detected			2	102	1.83%	10	512	1.31%			
Cladosporium	114	5,837	26.57%	22	1,126	20.18%	24	1,229	3.15%			
Curvularia	1	51	0.23%	Not Detected			Not Detected					
Epicoccum	4	205	0.93%	Not Detected			Not Detected					
Fusarium	Not Detected			Not Detected			Not Detected					
Memnoniella	Not Detected			Not Detected			Not Detected					
Myxomycetes|Smuts	8	410	1.86%	1	51	0.92%	2	102	0.26%			
Pithomyces	Not Detected			Not Detected			Not Detected					
Stachybotrys	Not Detected			7	358	6.42%	39	1,997	5.11%			
Stemphylium	Not Detected			Not Detected			Not Detected					
Torula	Not Detected			Not Detected			Not Detected					
Trichoderma	Not Detected			Not Detected			Not Detected					
Ulocladium	Not Detected			Not Detected			Not Detected					
Unspecified Spore	2	102	0.47%	Not Detected			Not Detected					
Total	429	21,965	100.00%	109	5,581	100.00%	763	39,066	100.00%			
Hyphal Fragment	6	307	-	5	256	-	22	1126	-			
Comments												

Newton Microbial Laboratory

Newton Report ID [redacted]

Newton Fungal Assessment Report V201611.2
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Newton Microbial Laboratory

Newton Report ID: [redacted]

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	West Hartford	CT	06117

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9883	11/6/2024	11/07/2024

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	11/07/2024

Newton ML Sample ID	[redacted]	[redacted]										
Sample Name/Location	Exterior			Basement								
Volume (L)	75			75								
Background	3			3								
Analytical Sensitivity (Cts/M³)	51			51								
Cassette Type	Air-O-Cell®			Air-O-Cell®								
Sample Type	Spore Trap			Spore Trap								
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total						
Alternaria	Not Detected			Not Detected								
Ascospores	41	2,099	9.43%	13	666	21.31%						
Aspergillus|Penicillium	32	1,638	7.36%	25	1,280	40.98%						
Basidiospores	251	12,851	57.70%	10	512	16.39%						
Bipolaris|Drechslera	Not Detected			Not Detected								
Chaetomium	Not Detected			Not Detected								
Cladosporium	101	5,171	23.22%	9	461	14.75%						
Curvularia	1	51	0.23%	Not Detected								
Epicoccum	1	51	0.23%	Not Detected								
Fusarium	Not Detected			Not Detected								
Memnoniella	Not Detected			Not Detected								
Myxomycetes|Smuts	5	256	1.15%	3	154	4.92%						
Pithomyces	Not Detected			Not Detected								
Stachybotrys	Not Detected			Not Detected								
Stemphylium	Not Detected			Not Detected								
Torula	Not Detected			Not Detected								
Trichoderma	Not Detected			Not Detected								
Ulocladium	Not Detected			Not Detected								
Unspecified Spore	3	154	0.69%	1	51	1.64%						
Total	435	22,272	100.00%	61	3,123	100.00%						
Hyphal Fragment	2	102	-	9	461	-						
Comments												

Newton Microbial Laboratory

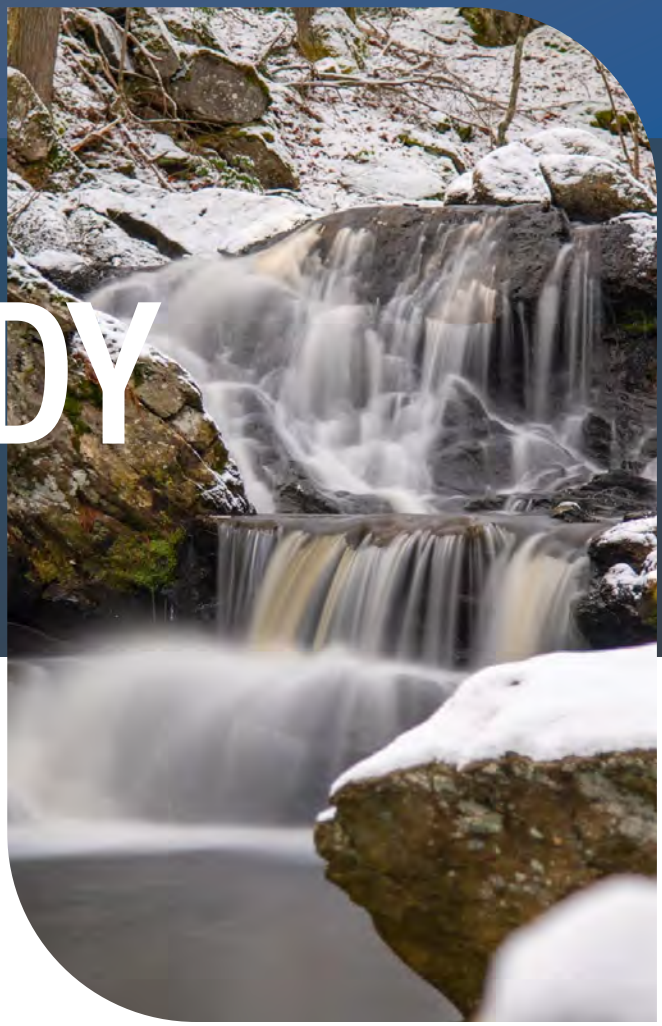
Newton Report ID [redacted]

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

January 2025
Burlington, Connecticut



OVERVIEW

A partially missing vapor barrier, plumbing leaks, and foundation leaks collectively led to conditions conducive to mold growth in this home's basement. Leveraging our powerful and effective suite of commercial products, the team was quickly able to reduce total spore count by 98.8%.

Once again, our flagship products saw near-total eradication of Ascopores, Aspergillus / Penicillium, Basidiospores, Cladosporium, and Myxomycetes. While not included in the table below due to lower pre-test levels, Curvularia, Epicoccum, Pithomyces, and those categorized as unspecified spores were completely eliminated.

1 Day to complete work

2 Technicians performing work

3 Solutions used for remediation

SOLUTIONS USED

- **DE-MOLD** Probiotic biological fog
- **BIO-CLEAN** Probiotic biological surface cleaner
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner

RESULTS (Basement)

Organism	Pre Counts	Post Counts	Reduction
Ascospores	5,939	102	98.3%
Aspergillus / Penicillium	33,024	358	98.9%
Basidiospores	3,123	51	98.4%
Cladosporium	1,843	51	97.2%
Myxomycetes	1,536	None Detected	100.0%
Total Spore	47,155	563	98.8%

Newton Microbial Laboratory

Newton Report ID
CAE20241223006S

Property/Customer Name	[redacted]		Site Street Address	[redacted]		Site City	Burlington		Site State	CT	Site Zip 06013
Company Email	inspections@sherwoodinspection.com;david@sherwoodinspection.com		Company Phone Number	860-646-9983		Date Collected	12/20/2024		Date Received	12/23/2024	
Company Address	1071 Ellington Rd, South Windsor, CT 6074		Company Name	Sherwood Inspection Services		Sample Collected by	Brad Peters		Date Analyzed	12/23/2024	
Newton ML Sample ID	CAE20241223006SA001			CAE20241223006SA002			CAE20241223006SA003				
Sample Name/Location	Kitchen - Control			Bedroom - 2nd Floor			Basement				
Volume (L)	75			75			75				
Background	3			3			4				
Analytical Sensitivity (Cts/M³)	51			51			51				
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®				
Sample Type	Spore Trap			Spore Trap			Spore Trap				
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total		
Alternaria	Not Detected			Not Detected			Not Detected				
Ascospores	57	2,918	33.53%	20	1,024	28.17%	116	5,939	12.60%		
Aspergillus|Penicillium	84	4,301	49.41%	41	2,099	57.75%	645	33,024	70.03%		
Basidiospores	7	358	4.12%	1	51	1.41%	61	3,123	6.62%		
Bipolaris|Drechslera	1	51	0.59%	Not Detected			2	102	0.22%		
Chaetomium	1	51	0.59%	Not Detected			2	102	0.22%		
Cladosporium	5	256	2.94%	3	154	4.23%	36	1,843	3.91%		
Curvularia	1	51	0.59%	1	51	1.41%	9	461	0.98%		
Epicoccum	Not Detected			Not Detected			10	512	1.09%		
Fusarium	Not Detected			Not Detected			Not Detected				
Memnoniella	Not Detected			Not Detected			Not Detected				
Myxomycetes|Smuts	12	614	7.06%	3	154	4.23%	30	1,536	3.26%		
Pithomyces	1	51	0.59%	Not Detected			5	256	0.54%		
Stachybotrys	Not Detected			Not Detected			Not Detected				
Stemphylium	Not Detected			Not Detected			Not Detected				
Torula	Not Detected			Not Detected			Not Detected				
Trichoderma	Not Detected			Not Detected			Not Detected				
Ulocladium	Not Detected			Not Detected			Not Detected				
Unspecified Spore	1	51	0.59%	2	102	2.82%	5	256	0.54%		
Total	170	8,704	100.00%	71	3,635	100.00%	921	47,155	100.00%		
Hyphal Fragment	21	1075	-	11	563	-	67	3430	-		
Comments											

Newton Microbial Laboratory

Newton Report ID
CAE202501290130

Property/Customer Name	[redacted]		Site Street Address	[redacted]		Site City	Burlington		Site State	CT	Site Zip 06013
Company Email	inspections@sherwoodinspection.com;david@sherwoodinspection.com		Company Phone Number	860-646-9983		Date Collected	1/28/2025		Date Received	01/29/2025	
Company Address	1071 Ellington Rd, South Windsor, CT 6074		Company Name	Sherwood Inspection Services		Sample Collected by	Brad Peters		Date Analyzed	01/29/2025	
Newton ML Sample ID	[redacted]CAE202501290130A001			CAE202501290130A002			CAE202501290130A003				
Sample Name/Location	Bedroom, 2nd Floor - Control			Kitchen			Basement				
Volume (L)	75			75			75				
Background	3			2			3				
Analytical Sensitivity (Cts/M³)	51			51			51				
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®				
Sample Type	Spore Trap			Spore Trap			Spore Trap				
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total		
Alternaria	Not Detected			Not Detected			Not Detected				
Ascospores	1	51	20.00%	2	102	50.00%	2	102	18.18%		
Aspergillus|Penicillium	2	102	40.00%	1	51	25.00%	7	358	63.64%		
Basidiospores	1	51	20.00%	1	51	25.00%	1	51	9.09%		
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected				
Chaetomium	Not Detected			Not Detected			Not Detected				
Cladosporium	1	51	20.00%	Not Detected			1	51	9.09%		
Curvularia	Not Detected			Not Detected			Not Detected				
Epicoccum	Not Detected			Not Detected			Not Detected				
Fusarium	Not Detected			Not Detected			Not Detected				
Memnoniella	Not Detected			Not Detected			Not Detected				
Myxomycetes|Smuts	Not Detected			Not Detected			Not Detected				
Pithomyces	Not Detected			Not Detected			Not Detected				
Stachybotrys	Not Detected			Not Detected			Not Detected				
Stemphylium	Not Detected			Not Detected			Not Detected				
Torula	Not Detected			Not Detected			Not Detected				
Trichoderma	Not Detected			Not Detected			Not Detected				
Ulocladium	Not Detected			Not Detected			Not Detected				
Unspecified Spore	Not Detected			Not Detected			Not Detected				
Total	5	256	100.00%	4	205	100.00%	11	563	100.00%		
Hyphal Fragment	1	51	-	Not Detected		-	1	51	-		
Comments											

Newton Fungal Assessment Report V201611.2

AGS ISO/IEC 17025:2017 Certified Number: AGS-US090914-1-2
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HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

January 2025
Simsbury, Connecticut

OVERVIEW

This home had a myriad of water intrusion and humidity management issues in both the attic and basement. The table below highlights pre- and post-counts for the basement as it was the more extreme case in the home. Per usual, our flagship probiotic solution was highly effective across the board. A 99.9% total spore reduction!

The test data, which we always include with our case studies, provides some additional product performance insights. Typically not seen at these levels by this team, attic counts for Alternaria, Pithomyces, and Ulocladium ranged from 10k to 15k counts. DE-Mold reduced all of these to undetectable levels.

1 Day to complete work

2 Technicians performing work

3 Solutions used for remediation

SOLUTIONS USED

- **DE-MOLD** Probiotic biological fog
- **BIO-CLEAN** Probiotic biological surface cleaner
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner

RESULTS (Basement)

Organism	Pre Counts	Post Counts	Reduction
Aspergillus / Penicillium	342,528	205	99.9%
Basidiospores	870	None Detected	100.0%
Cladosporium	461	51	88.9
Hyphal Fragments	1,280	154	88.0
Total Spore	344,269	512	99.9%

Newton Microbial Laboratory

Newton Report ID
CAE20250113006R

Property/Customer Name: [redacted]			Site Street Address: [redacted]			Site City: Simsbury			Site State: CT		Site Zip: 06070
Company Email: inspections@sherwoodinspection.com;david@sherwoodinspection.com			Company Phone Number: 860-646-9983			Date Collected: 1/10/2025			Date Received: 01/13/2025		
Company Address: 1071 Ellington Rd, South Windsor, CT 6074			Company Name: Sherwood Inspection Services			Sample Collected by: Brad Peters			Date Analyzed: 01/13/2025		
Newton ML Sample ID	CAE20250113006RA001		CAE20250113006RA002			CAE20250113006RA003			CAE20250113006RA004		
Sample Name/Location	Exterior		Boy's Bedroom			Attic			Basement 1		
Volume (L)	75		75			75			75		
Background	3		2			3			3		
Analytical Sensitivity (Cts/M³)	51		51			51			51		
Cassette Type	Air-O-Cell®		Air-O-Cell®			Air-O-Cell®			Air-O-Cell®		
Sample Type	Spore Trap		Spore Trap			Spore Trap			Spore Trap		
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			270	13,824	17.05%	Not Detected		
Ascospores	7	358	33.33%	8	410	24.24%	2	102	0.13%	7	358	0.10%
Aspergillus|Penicillium	6	307	28.57%	13	666	39.39%	810	41,472	51.14%	6,690	342,528	99.49%
Basidiospores	1	51	4.76%	2	102	6.06%	11	563	0.69%	17	870	0.25%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			Not Detected			Not Detected			Not Detected		
Cladosporium	6	307	28.57%	9	461	27.27%	11	563	0.69%	9	461	0.13%
Curvularia	Not Detected			Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	1	51	4.76%	1	51	3.03%	Not Detected			1	51	0.01%
Pithomyces	Not Detected			Not Detected			195	9,984	12.31%	Not Detected		
Stachybotrys	Not Detected			Not Detected			Not Detected			Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			285	14,592	17.99%	Not Detected		
Unspecified Spore	Not Detected			Not Detected			Not Detected			Not Detected		
Total	21	1,075	100.00%	33	1,690	100.00%	1,584	81,101	100.00%	6,724	344,269	100.00%
Hyphal Fragment	Not Detected		-	Not Detected		-	19	973	-	25	1280	-
Comments												

Newton Microbial Laboratory

Newton Report ID
CAE20250131008O

Property/Customer Name: [redacted]	Site Street Address: [redacted]	Site City: Simsbury	Site State: CT	Site Zip: 06070	
Company Email: Inspections@sherwoodinspection.com;david@sherwoodinspection.com	Company Phone Number: 860-646-9983	Date Collected: 1/30/2025	Date Received: 01/31/2025		
Company Address: 1071 Ellington Rd, South Windsor, CT 6074	Company Name: Sherwood Inspection Services	Sample Collected by: Brad Peters	Date Analyzed: 01/31/2025		

Newton ML Sample ID	CAE20250131008OA001			CAE20250131008OA002			CAE20250131008OA003			CAE20250131008OA004		
Sample Name/Location	Boy's Bedroom - Control			Attic			Basement 1			Basement 2		
Volume (L)	75			75			75			75		
Background	3			4			3			2		
Analytical Sensitivity (Cts/M³)	51			51			51			51		
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®			Air-O-Cell®		
Sample Type	Spore Trap			Spore Trap			Spore Trap			Spore Trap		
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected			Not Detected		
Ascospores	2	102	20.00%	14	717	2.81%	4	205	40.00%	2	102	33.33%
Aspergillus|Penicillium	5	256	50.00%	465	23,808	93.19%	4	205	40.00%	4	205	66.67%
Basidiospores	1	51	10.00%	4	205	0.80%	Not Detected			Not Detected		
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			Not Detected			Not Detected			Not Detected		
Cladosporium	Not Detected			Not Detected			1	51	10.00%	Not Detected		
Curvularia	Not Detected			1	51	0.20%	Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			1	51	10.00%	Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	1	51	10.00%	12	614	2.40%	Not Detected			Not Detected		
Pithomyces	Not Detected			Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			Not Detected			Not Detected			Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected			Not Detected		
Unspecified Spore	1	51	10.00%	3	154	0.60%	Not Detected			Not Detected		
Total	10	512	100.00%	499	25,549	100.00%	10	512	100.00%	6	307	100.00%
Hyphal Fragment	Not Detected		-	12	614	-	3	154	-	1	51	-
Comments												

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

March 2025
Birmingham, AL

OVERVIEW

Mold growth in the master bedroom of this house led to elevated spore counts and compromised indoor air quality throughout the rest of the house. RE-Hydro was used for heavy surface cleaning, and the entire house was fogged with DE-Mold. What makes the overall outcome even more impressive is that air scrubbers were not utilized during the process. The remarkable 96.9% total spore reduction can be attributed to the potent probiotics present in DE-Mold.

As we expected, there was a significant reduction in Aspergilius / Penicillium counts, with a massive 98.9% decrease. Moreover, substantial reductions were observed across the board, as evidenced by the post-test results.

SOLUTIONS USED

- **DE-MOLD** Probiotic biological fog
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner

1 Day to complete work

2 Technicians performing work

2 Solutions used for remediation

RESULTS - BEDROOM

Organism	Pre Counts	Post Counts	Reduction
Miscellaneous	1,880	333	82.3%
Aspergilius / Penicillium	58,280	613	98.9%
Total Spore	62,374	1,932	96.9%

Company: Healthy Homes of Birmingham

Attention: [redacted]

Address: [redacted]

Air Allergen Mold Testing, Inc.

1543 Lilburn Stone-Mountain Road, Suite 200
Stone Mountain, GA 30087
Phone (770) 938-4861 Fax (678) 723-5848

Report Date 02/24/2025

Date Received 2/24/2025

Analyzed by S. SporeCyte

Date Ammended

Project: [redacted]

Linear Spore Trap Analysis by SOP LAB-SOP-SPT-002

Report Number [redacted]

Location	Outside			Master Bedroom			Bedroom/ Attic		
AAMT Nbr	[redacted]			[redacted]			[redacted]		
Spore Trap Serial #	[redacted]			[redacted]			[redacted]		
Sample/Cassette Type	Zefon Air-O-Cell			Zefon Air-O-Cell			Zefon Air-O-Cell		
Liters Collected	75 L			75 L			75 L		
Humid/Temp	79 / 34			39 / 66			39 / 68		
Particulate	Carbon	Soil		Carbon	Soil		Carbon	Soil	
	Talc/Talc Like			Talc/Talc Like	InsectPart		Talc/Talc Like	InsectPart	
Fibrous Particulate	unident Fibers			unident Fibers	Insulation		unident Fibers	Insulation	
Skin Fragments	22			494			82		
Background / Cubic Meter	113,347			314,560			103,547		
Hyphae / m^3	13			800			80		
Pollen / m^3				53			27		
Spore Name	**Raw Ct**	**Spore / m^3**	**% of Total**	**Raw Ct**	**Spore / m^3**	**% of Total**	**Raw Ct**	**Spore / m^3**	**%Total**
Predominately Outdoor									
Alternaria									
Arthrinium				5	67	0.1			
Ascospores	1	13	1.8	5	67	0.1			
Basidiospores	10	133	18.1	11	147	0.2	11	147	2.2
Bipolaris				1	13				
Curvularia				3	40	0.1			
Epicoccum				3	40	0.1	1	13	0.2
Nigrospora									
Periconia/Myxomycete									
Pithomyces				3	40	0.1			
Spegazzinia									
Torula				2	27		2	27	0.4
Misc	5	67	9.1	141	1,880	3.0	9	120	1.8
Indoor - Outdoor									
Aspergillus/Penicillium	27	360	49.1	4371	58,280	93.4	445	5,933	90.1
Cladosporium	12	160	21.8	133	1,773	2.8	26	347	5.3
Water Related									
Chaetomium									
Stachybotrys									
Trichoderma									
Total Spores	**55**	**733**	**100**	**4,678**	**62,374**	**100**	**494**	**6,587**	**100**

Limit of Detection @600x	44	44	44
Limit of Detection @300x	13	13	13

Please see attached sheet for additional information and important notes.

Top 3 organisms =

Richard Johnson, Laboratory Director

The uncertainty of measurement associated with the measurement results contained in the report is available upon request.

AIHA Culture Proficiency Analytical Testing Participant # 199873 PJLA ISO/IEC 17025:2017 Environmental Accreditation # 91033 LAB-FRM-ITS-00

Company: Healthy Homes of Birmingham

Attention: [redacted]

Address: [redacted]

Air Allergen Mold Testing, Inc.

1543 Lilburn Stone-Mountain Road, Suite 200
Stone Mountain, GA 30087
Phone (770) 938-4861 Fax (678) 723-5848

Report Date 02/24/2025

Date Received 2/24/2025

Analyzed by S. SporeCyte

Date Ammended

Project: [redacted]

Linear Spore Trap Analysis by SOP LAB-SOP-SPT-002

Report Number [redacted]

Location	Outside			Dining Room			Top of Stairs		
AAMT Nbr	[redacted]			[redacted]			[redacted]		
Spore Trap Serial #	[redacted]			[redacted]			[redacted]		
Sample/Cassette Type	Zefon Air-O-Cell			Zefon Air-O-Cell			Zefon Air-O-Cell		
Liters Collected	75 L			75 L			75 L		
Humid/Temp	79 / 34			40 / 65			40 / 67		
Particulate	Carbon	Soil		Carbon	Soil		Carbon	Soil	
	Talc/Talc Like			Talc/Talc Like	InsectPart		Talc/Talc Like	InsectPart	
Fibrous Particulate	unident Fibers			unident Fibers	Insulation		unident Fibers	Insulation	
Skin Fragments	22			327			220		
Background / Cubic Meter	113,347			152,733			154,267		
Hyphae / m^3	13			93			187		
Pollen / m^3									
Spore Name	**Raw Ct**	**Spore / m^3**	**% of Total**	**Raw Ct**	**Spore / m^3**	**% of Total**	**Raw Ct**	**Spore / m^3**	**%Total**
Predominately Outdoor									
Alternaria									
Arthrinium									
Ascospores	1	13	1.8						
Basidiospores	10	133	18.1	7	93	0.7	10	133	0.9
Bipolaris									
Curvularia							1	13	0.1
Epicoccum				1	13	0.1			
Nigrospora									
Periconia/Myxomycete									
Pithomyces							1	13	0.1
Spegazzinia									
Torula									
Misc	5	67	9.1	10	133	1.0	37	493	3.3
Indoor - Outdoor									
Aspergillus/Penicillium	27	360	49.1	962	12,827	94.7	1026	13,680	90.3
Cladosporium	12	160	21.8	36	480	3.5	60	800	5.3
Water Related									
Chaetomium									
Stachybotrys							1	13	0.1
Trichoderma									
Total Spores	**55**	**733**	**100**	**1,016**	**13,546**	**100**	**1,136**	**15,145**	**100**
Limit of Detection @600x	44			44			44		
Limit of Detection @300x	13			13			13		

Please see attached sheet for additional information and important notes.

Top 3 organisms =

Richard Johnson, Laboratory Director

The uncertainty of measurement associated with the measurement results contained in the report is available upon request.

AIHA Culture Proficiency Analytical Testing Participant # 199873 PJLA ISO/IEC 17025:2017 Environmental Accreditation # 91033 LAB-FRM-ITS-00

Company: Healthy Homes of Birmingham

Attention: [redacted]

Address: [redacted]

Air Allergen Mold Testing, Inc.

1543 Lilburn Stone-Mountain Road, Suite 200
Stone Mountain, GA 30087
Phone (770) 938-4861 Fax (678) 723-5848

Report Date 03/14/2025

Date Received 3/13/2025

Analyzed by S. SporeCyte

Date Ammended

Project: [redacted]

Linear Spore Trap Analysis by SOP LAB-SOP-SPT-002

Report Number [redacted]

Location	Outside			Foyer			Master Bedroom		
AAMT Nbr	[redacted]			[redacted]			[redacted]		
Spore Trap Serial #	[redacted]			[redacted]			[redacted]		
Sample/Cassette Type	Zefon Air-O-Cell			Zefon Air-O-Cell			Zefon Air-O-Cell		
Liters Collected	75 L			75 L			75 L		
Humid/Temp	41 / 70			50 / 63			49 / 60		
Particulate	Carbon	Soil		Carbon	Soil		Carbon	Soil	
	Talc/Talc Like	InsectPart		Talc/Talc Like			Talc/Talc Like		
Fibrous Particulate	unident Fibers						unident Fibers	Insulation	
Skin Fragments	36			13			30		
Background / Cubic Meter	269,787			1,088,293			891,227		
Hyphae / m^3	67			13			147		
Pollen / m^3	40						13		
Spore Name	**Raw Ct**	**Spore / m^3**	**% of Total**	**Raw Ct**	**Spore / m^3**	**% of Total**	**Raw Ct**	**Spore / m^3**	**%Total**
Predominately Outdoor									
Alternaria									
Arthrinium	1	13	1.0				1	13	0.7
Ascospores							1	13	0.7
Basidiospores	31	413	32.3	2	27	8.4	8	107	5.5
Bipolaris									
Curvularia									
Epicoccum							1	13	0.7
Nigrospora									
Periconia/Myxomycete									
Pithomyces									
Spegazzinia									
Torula							1	13	0.7
Misc	11	147	11.5	5	67	20.9	25	333	17.2
Indoor - Outdoor									
Aspergillus/Penicillium	33	440	34.4	3	40	12.5	46	613	31.7
Cladosporium	20	267	20.9	12	160	49.8	57	760	39.3
Water Related									
Chaetomium							2	27	1.4
Stachybotrys				2	27	8.4	3	40	2.1
Trichoderma									
Total Spores	**96**	**1,280**	**100**	**24**	**321**	**100**	**145**	**1,932**	**100**
Limit of Detection @600x	44			44			44		
Limit of Detection @300x	13			13			13		

Please see attached sheet for additional information and important notes.

Top 3 organisms =

Richard Johnson, Laboratory Director

The uncertainty of measurement associated with the measurement results contained in the report is available upon request.

AIHA Culture Proficiency Analytical Testing Participant # 199873 PJLA ISO/IEC 17025:2017 Environmental Accreditation # 91033 LAB-FRM-ITS-00

Company: Healthy Homes of Birmingham

Attention: [redacted]

Address: [redacted]

Air Allergen Mold Testing, Inc.

1543 Lilburn Stone-Mountain Road, Suite 200
Stone Mountain, GA 30087
Phone (770) 938-4861 Fax (678) 723-5848

Report Date 03/14/2025

Date Received 3/13/2025

Analyzed by S. SporeCyte

Date Ammended

Project: [redacted]

Linear Spore Trap Analysis by SOP LAB-SOP-SPT-001

Report Number [redacted]

Location	Outside			Living Room					
AAMT Nbr	[redacted]			[redacted]					
Spore Trap Serial #	[redacted]			[redacted]					
Sample/Cassette Type	Zefon Air-O-Cell			Zefon Air-O-Cell					
Liters Collected	75 L			75 L					
Humid/Temp	41 / 70			53 / 62					
Particulate	Carbon	Soil		Carbon	Soil				
	Talc/Talc Like	InsectPart		Talc/Talc Like					
Fibrous Particulate	unident Fibers			unident Fibers	Insulation				
Skin Fragments	36			24					
Background / Cubic Meter	269,787			711,800					
Hyphae / m^3	67			40					
Pollen / m^3	40								
Spore Name	**Raw Ct**	**Spore / m^3**	**% of Total**	**Raw Ct**	**Spore / m^3**	**% of Total**	**Raw Ct**	**Spore / m^3**	**%Total**
Predominately Outdoor									
Alternaria									
Arthrinium	1	13	1.0						
Ascospores									
Basidiospores	31	413	32.3						
Bipolaris									
Curvularia									
Epicoccum									
Nigrospora									
Periconia/Myxomycete									
Pithomyces									
Spegazzinia									
Torula				1	13	4.4			
Misc	11	147	11.5	6	80	27.3			
Indoor - Outdoor									
Aspergillus/Penicillium	33	440	34.4	6	80	27.3			
Cladosporium	20	267	20.9	6	80	27.3			
Water Related									
Chaetomium									
Stachybotrys				3	40	13.7			
Trichoderma									
Total Spores	**96**	**1,280**	**100**	**22**	**293**	**100**			

Limit of Detection @600x	44	44
Limit of Detection @300x	13	13

Please see attached sheet for additional information and important notes.

Top 3 organisms =

Richard Johnson, Laboratory Director

The uncertainty of measurement associated with the measurement results contained in the report is available upon request.

AIHA Culture Proficiency Analytical Testing Participant # 199873 PJLA ISO/IEC 17025:2017 Environmental Accreditation # 91033 LAB-FRM-ITS-00

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

April 2025
Burlington, Connecticut

OVERVIEW

Over time, multiple leaks and inadequate environmental controls led to elevated mold levels throughout the home, with the basement being the most affected area. Aspergillus / Penicillium levels in the basement exceeded 1 million.

The Healthy Homes suite of products, particularly the flagship product DE-Mold, swiftly and effectively enabled a total spore reduction of 99.8% in the basement. Ascospore and Cladosporium levels were reduced below those of the control sample. Stachybotrys was completely eliminated, and Aspergillus / Penicillium, which comprised the majority of the mold, was reduced by 99.9%.

SOLUTIONS USED

- **DE-MOLD** Probiotic biological fog
- **BIO-CLEAN** Probiotic biological surface cleaner
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner

2 Day to complete work

3 Technicians performing work

3 Solutions used for remediation

RESULTS
(Basement)

Organism	Pre Counts	Post Counts	Reduction
Ascospores	1,997	563	71.5%
Aspergillus / Penicillium	1,078,272	922	99.9%
Cladosporium	461	51	88.9
Stachybotrys	461	None Detected	100.0%
Total Spore	1,082,470	1,843	99.8%

Newton Microbial Laboratory

Newton Report ID
CAE202503200003R

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Burlington	CT	06013

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9983	3/19/2025	03/20/2025

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	03/20/2025

Newton ML Sample ID	[redacted]	[redacted]	[redacted]	[redacted]
Sample Name/Location	Exterior	Kitchen	Master Bedroom	Attic
Volume (L)	75	75	75	75
Background	3	3	3	4
Analytical Sensitivity (Cts/M³)	51	51	51	51
Cassette Type	Air-O-Cell®	Air-O-Cell®	Air-O-Cell®	Air-O-Cell®
Sample Type	Spore Trap	Spore Trap	Spore Trap	Spore Trap

Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected			Not Detected		
Ascospores	24	1,229	35.29%	31	1,587	34.07%	7	358	24.14%	105	5,376	38.75%
Aspergillus|Penicillium	10	512	14.71%	29	1,485	31.87%	12	614	41.38%	80	4,096	29.52%
Basidiospores	30	1,536	44.12%	7	358	7.69%	3	154	10.34%	44	2,253	16.24%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			4	205	4.40%	Not Detected			Not Detected		
Cladosporium	2	102	2.94%	15	768	16.48%	5	256	17.24%	34	1,741	12.55%
Curvularia	Not Detected			Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	Not Detected			4	205	4.40%	Not Detected			3	154	1.11%
Pithomyces	Not Detected			Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			Not Detected			Not Detected			Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected			Not Detected		
Unspecified Spore	2	102	2.94%	1	51	1.10%	2	102	6.90%	5	256	1.85%
Total	68	3,482	100.00%	91	4,659	100.00%	29	1,485	100.00%	271	13,875	100.00%
Hyphal Fragment	Not Detected		-	25	1280	-	Not Detected		-	22	1126	-
Comments												

Newton Microbial Laboratory

Newton Report ID
CAE20250320003R

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Burlington	CT	06013

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9983	3/19/2025	03/20/2025

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	03/20/2025

Newton ML Sample ID	[redacted]	[redacted]	[redacted]								
Sample Name/Location	Exterior			Basement			HVAC				
Volume (L)	75			75			15				
Background	3			4			1				
Analytical Sensitivity (Cts/M³)	51			51			256				
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®				
Sample Type	Spore Trap			Spore Trap			Spore Trap				
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total			
Alternaria	Not Detected			Not Detected			Not Detected					
Ascospores	24	1,229	35.29%	39	1,997	0.18%	1	256	25.00%			
Aspergillus|Penicillium	10	512	14.71%	21,060	1,078,272	99.61%	2	512	50.00%			
Basidiospores	30	1,536	44.12%	11	563	0.05%	1	256	25.00%			
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected					
Chaetomium	Not Detected			Not Detected			Not Detected					
Cladosporium	2	102	2.94%	9	461	0.04%	Not Detected					
Curvularia	Not Detected			2	102	0.01%	Not Detected					
Epicoccum	Not Detected			Not Detected			Not Detected					
Fusarium	Not Detected			Not Detected			Not Detected					
Memnoniella	Not Detected			Not Detected			Not Detected					
Myxomycetes|Smuts	Not Detected			9	461	0.04%	Not Detected					
Pithomyces	Not Detected			Not Detected			Not Detected					
Stachybotrys	Not Detected			9	461	0.04%	Not Detected					
Stemphylium	Not Detected			1	51	0.00%	Not Detected					
Torula	Not Detected			Not Detected			Not Detected					
Trichoderma	Not Detected			Not Detected			Not Detected					
Ulocladium	Not Detected			Not Detected			Not Detected					
Unspecified Spore	2	102	2.94%	2	102	0.01%	Not Detected					
Total	68	3,482	100.00%	21,142	1,082,470	100.00%	4	1,024	100.00%			
Hyphal Fragment	Not Detected		-	83	4250	-	Not Detected		-			
Comments												

Newton Microbial Laboratory

Newton Report ID
CAE202504050010

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Burlington	CT	06013

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9883	4/2/2025	04/05/2025

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	04/05/2025

Newton ML Sample ID	[redacted]	[redacted]	[redacted]	[redacted]
Sample Name/Location	Exterior	Kitchen	Attic	Basement
Volume (L)	75	75	75	75
Background	2	3	3	3
Analytical Sensitivity (Cts/M³)	51	51	51	51
Cassette Type	Air-O-Cell®	Air-O-Cell®	Air-O-Cell®	Air-O-Cell®
Sample Type	Spore Trap	Spore Trap	Spore Trap	Spore Trap

Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected			Not Detected		
Ascospores	14	717	46.67%	8	410	50.00%	19	973	40.43%	11	563	30.56%
Aspergillus|Penicillium	2	102	6.67%	4	205	25.00%	19	973	40.43%	18	922	50.00%
Basidiospores	11	563	36.67%	1	51	6.25%	5	256	10.64%	3	154	8.33%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			Not Detected			Not Detected			Not Detected		
Cladosporium	2	102	6.67%	1	51	6.25%	1	51	2.13%	1	51	2.78%
Curvularia	Not Detected			Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	Not Detected			Not Detected			2	102	4.26%	2	102	5.56%
Pithomyces	Not Detected			Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			Not Detected			Not Detected			Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected			Not Detected		
Unspecified Spore	1	51	3.33%	2	102	12.50%	1	51	2.13%	1	51	2.78%
Total	30	1,536	100.00%	16	819	100.00%	47	2,406	100.00%	36	1,843	100.00%
Hyphal Fragment	Not Detected		-	3	154	-	4	205	-	6	307	-
Comments												

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

PERFORMANCE IN THE FIELD

CASE STUDY

May 2025
Avon, Connecticut

OVERVIEW

This case study highlights the combined issues of recurring dampness and climbing exterior spore counts, presenting an uphill battle for this basement remediation.

Alternaria, Curvularia, and Myxomycetes/Smuts, which were observed at low levels, were completely eliminated. The majority of the total spore count consisted of Aspergillus/Penicillium, with pre-remediation levels of 130,560 cts/m^3 reduced by 99.8%. Hyphal fragments, which are not included in the total spore count, were at elevated levels and were reduced by 99.3%.

It's important to note that Ascospores, Basidiospores, and Cladosporium levels all increased post-remediation. The control sample shows that exterior levels of Ascospores and Basidiospores increased significantly from the pre-remediation testing, while Cladosporium remained elevated, providing rationale for the corresponding increase in interior values.

2 Day to complete work

3 Technicians performing work

3 Solutions used for remediation

SOLUTIONS USED

- **DE-MOLD** Probiotic biological fog
- **BIO-CLEAN** Probiotic biological surface cleaner
- **RE-HYDRO** Hydrogen Peroxide heavy duty surface cleaner

RESULTS

Organism	Pre Counts	Post Counts	Reduction
Aspergillus / Penicillium	130,560	205	99.8%
Hyphal Fragment	7834	51	99.3%
Total Spore	131,584	3,891	97.0%

Newton Microbial Laboratory

Newton Report ID: [redacted]

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Avon	CT	06001

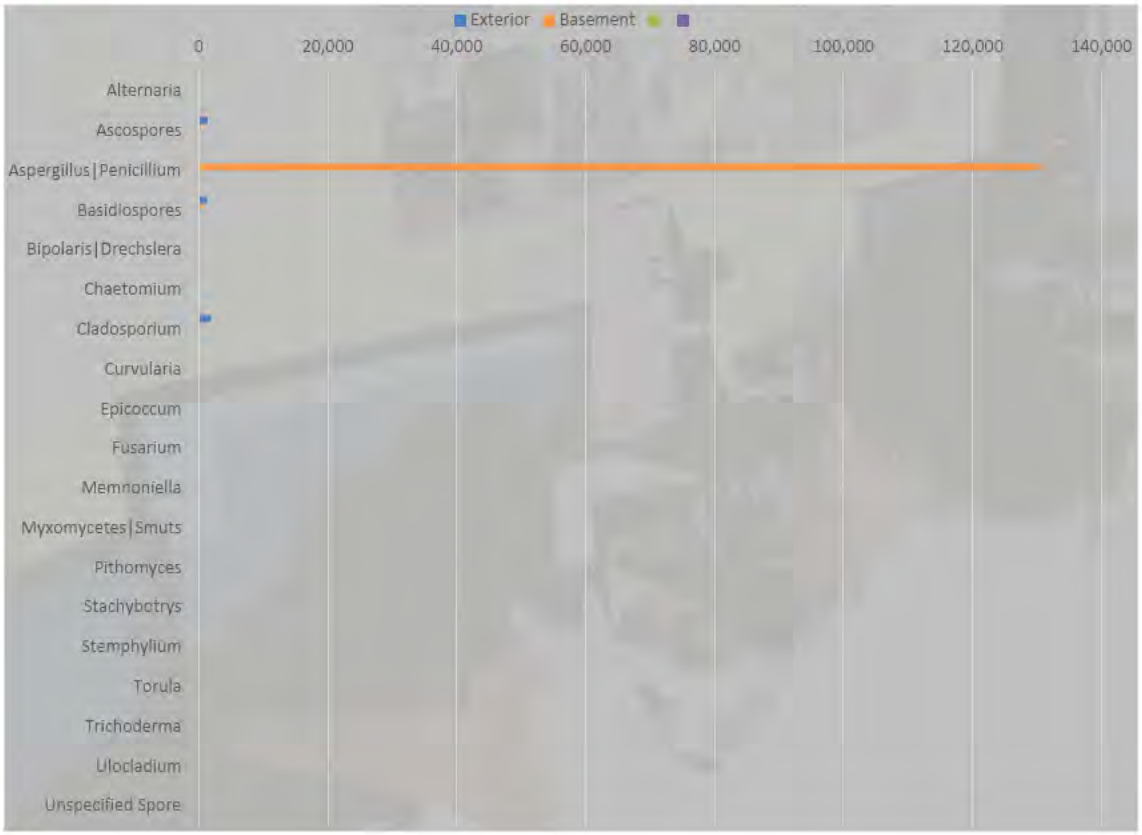
Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9883	4/29/2025	04/30/2025

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	04/30/2025

Newton ML Sample ID	[redacted]	[redacted]										
Sample Name/Location	Exterior			Basement								
Volume (L)	75			75								
Background	3			4								
Analytical Sensitivity (Cts/M³)	51			51								
Cassette Type	Air-O-Cell®			Air-O-Cell®								
Sample Type	Spore Trap			Spore Trap								
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total						
Alternaria	Not Detected			1	51	0.04%						
Ascospores	26	1,331	29.21%	5	256	0.19%						
Aspergillus|Penicillium	2	102	2.25%	2,550	130,560	99.22%						
Basidiospores	24	1,229	26.97%	9	461	0.35%						
Bipolaris|Drechslera	Not Detected			Not Detected								
Chaetomium	Not Detected			Not Detected								
Cladosporium	36	1,843	40.45%	Not Detected								
Curvularia	Not Detected			1	51	0.04%						
Epicoccum	Not Detected			Not Detected								
Fusarium	1	51	1.12%	Not Detected								
Memnoniella	Not Detected			Not Detected								
Myxomycetes|Smuts	Not Detected			2	102	0.08%						
Pithomyces	Not Detected			Not Detected								
Stachybotrys	Not Detected			Not Detected								
Stemphylium	Not Detected			Not Detected								
Torula	Not Detected			Not Detected								
Trichoderma	Not Detected			Not Detected								
Ulocladium	Not Detected			Not Detected								
Unspecified Spore	Not Detected			2	102	0.08%						
Total	89	4,557	100.00%	2,570	131,584	100.00%						
Hyphal Fragment	Not Detected		-	153	7834	-						
Comments												

Newton Microbial Laboratory

Newton Report ID [redacted]



Newton Microbial Laboratory

Newton Report ID: [redacted]

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	Avon	CT	06001

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9983	5/13/2025	05/14/2025

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	05/14/2025

Newton ML Sample ID	[redacted]	[redacted]	[redacted]
Sample Name/Location	Exterior	Kitchen	Basement
Volume (L)	75	75	75
Background	3	3	2
Analytical Sensitivity (Cts/M³)	51	51	51
Cassette Type	Air-O-Cell®	Air-O-Cell®	Air-O-Cell®
Sample Type	Spore Trap	Spore Trap	Spore Trap

Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	1	51	0.13%	Not Detected			Not Detected		
Ascospores	390	19,968	50.58%	9	461	25.71%	15	768	19.74%
Aspergillus|Penicillium	12	614	1.56%	6	307	17.14%	4	205	5.26%
Basidiospores	330	16,896	42.80%	10	512	28.57%	53	2,714	69.74%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			Not Detected			Not Detected		
Cladosporium	35	1,792	4.54%	10	512	28.57%	4	205	5.26%
Curvularia	Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	2	102	0.26%	Not Detected			Not Detected		
Pithomyces	Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			Not Detected			Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected		
Unspecified Spore	1	51	0.13%	Not Detected			Not Detected		
Total	771	39,475	100.00%	35	1,792	100.00%	76	3,891	100.00%
Hyphal Fragment	9	461	-	4	205	-	1	51	-
Comments									

Newton Microbial Laboratory

Newton Report ID [redacted]

HEALTHY HOMES INC
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Peformance from the Field

Mystery Mold Nears 4 Million Counts

Snapshot

A homeowner grew concerned about suspected mold growth in the bathroom vanity. While it was determined that what she observed was not mold, air sampling revealed a much larger issue. The top two floors of the home tested at nearly 4 million total counts and no visible mold was present. The cause was later identified and the home was treated accordingly using only Healthy Homes products. The initial one-day cleaning and treatment saw a 99.9% reduction in total mold counts with Aspergillus and Penicillium accounting for nearly all of the total composition.

Intro

Ron Sager, owner of Sager Healthy Homes, was contacted by a homeowner over potential mold in her home. She had not been feeling well and after seeing what looked like mold near a minor leak in her bathroom vanity, she suspected a link between her symptoms and potential mold exposure. It was determined that the vanity did not have mold growth but it was recommended that the home still be tested to rule out hidden health hazards.

The home is a 3-story structure with a full basement. It was noted that it was well maintained and immaculately clean. These observations made the results especially unexpected given that total mold counts in the primary bedroom were nearing 4 million. Additionally, the first floor of the home tested 99.7% lower than the bedroom on a higher level.

Building Sub-Areas (sq ft)			
Code	Description	Gross Area	Living Area
FUS	Upper Story, Finished	1,540	1,540
BAS	First Floor	1,508	1,508
FHS	Half Story, Finished	418	251
CRL	Crawl Space	1,166	0
FGR	Garage	418	0
FOP	Porch, Open, Finished	201	0
PTO	Patio	513	0
UAT	Attic, Unfinished	1,094	0
		6,858	3,299

Problem

Test results showed that the basement and first floor were about half of what the exterior control was for total mold counts. The second and third floor showed extremely high levels for a structure in this condition. With no obvious visual signs of mold growth, the results were initially unexpected. After thoroughly inspecting the home, Ron Sager noted that there were two air handlers supplying the home. One for the basement and first floor, the other for the second and third floor. He discovered that the second unit had developed a leak which kept the emergency catch pan below it full of water. This was the equivalent to a petri dish of molds and bacteria being sucked into the HVAC system The standing water was identified as the mold source that was distributed throughout the upper two floors via the air handler.

Newton Microbial Laboratory

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Company Email	**Company Phone Number**	**Date Collected**	**Date Received**	
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9983	7/12/2022	07/13/2022	
Company Address	**Company Name**	**Sample Collected by**	**Date Analyzed**	
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	07/13/2022	

Newton ML Sample ID	CAE20220713013RA001			CAE20220713013RA002			CAE20220713013RA003							
Sample Name/Location	Exterior			Living Room			Bedroom							
Volume (L)	75			75			75							
Background	3			3			3							
Analytical Sensitivity (Cts/M³)	51			51			51							
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®							
Sample Type	Spore Trap			Spore Trap			Spore Trap							
Organism	**Counted**	**Cts/M³**	**% of Total**	**Counted**	**Cts/M³**	**% of Total**	**Counted**	**Cts/M³**	**% of Total**					
Alternaria	Not Detected			Not Detected			Not Detected							
Ascospores	105	5,376	27.49%	68	3,482	36.36%	Not Detected							
Aspergillus|Penicillium	83	4,250	21.73%	79	4,045	42.25%	76,480	3,915,776	99.99%					
Basidiospores	188	9,626	49.21%	26	1,331	13.90%	2	102	0.00%					
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected							
Chaetomium	Not Detected			Not Detected			Not Detected							
Cladosporium	4	205	1.05%	12	614	6.42%	Not Detected							
Curvularia	Not Detected			Not Detected			Not Detected							
Epicoccum	Not Detected			Not Detected			Not Detected							
Fusarium	2	102	0.52%	1	51	0.53%	Not Detected							
Memnoniella	Not Detected			Not Detected			Not Detected							
Myxomycetes|Smuts	Not Detected			Not Detected			2	102	0.00%					
Pithomyces	Not Detected			1	51	0.53%	Not Detected							
Stachybotrys	Not Detected			Not Detected			Not Detected							
Stemphylium	Not Detected			Not Detected			Not Detected							
Torula	Not Detected			Not Detected			Not Detected							
Trichoderma	Not Detected			Not Detected			Not Detected							
Ulocladium	Not Detected			Not Detected			Not Detected							
Unspecified Spore	Not Detected			Not Detected			1	51	0.00%					
Total	382	19,558	100.00%	187	9,574	100.00%	76,485	3,916,032	100.00%					
Hyphal Fragment	2	102	-	Not Detected		-	21	1075	-					
Comments														

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Approach

The first step was to eliminate the mold source. The emergency catch pan was drained and thoroughly cleaned with BIO-Clean while a local HVAC company repaired the leak. HEPA air scrubbers were placed on the second and third floors to capture airborne contaminants and create a negative pressure air space. Walls and other hard surfaces were cleaned with BIO-Clean while carpets and upholstered furniture were HEPA vacuumed. Finally, the second and third floors as well as the HVAC system were fully fogged with DE-Mold to eliminate airborne mold, bacteria, and other pollutants.

Results

Post testing was performed by Sherwood Inspection Services 13 days after the initial testing was conducted. In the second round of testing, the exterior control increased 44% to 28,211 total counts. Since the HVAC system was the delivery mechanism of mold throughout the second and third floors, this was tested to ensure it was no longer contaminated. The HVAC system had a total mold count of only 307 post cleaning. The primary bedroom exhibited a 99.9% reduction in total mold counts from 3,916,032 to 3,840.

These results were achieved over the course of one day with two technicians. The use of straightforward but effective protocols in conjunction with Healthy Homes Inc biological based products led to an efficient, cost-effective and highly successful outcome.

Newton Microbial Laboratory

Property/Customer Name	Site Street Address	Site City	Site State	Site Zip
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

Company Email	Company Phone Number	Date Collected	Date Received
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9983	7/23/2022	07/25/2022

Company Address	Company Name	Sample Collected by	Date Analyzed
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Brad Peters	07/25/2022

Newton ML Sample ID	CAE20220725010OA001			CAE20220725010OA002			CAE20220725010OA003										
Sample Name/Location	Exterior			Bedroom Second Floor			HVAC										
Volume (L)	75			75			75										
Background	2			3			2										
Analytical Sensitivity (Cts/M³)	51			51			51										
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®										
Sample Type	Spore Trap			Spore Trap			Spore Trap										
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total								
Alternaria	**2**	**102**	**0.36%**	**Not Detected**			**Not Detected**										
Ascospores	149	7,629	**27.04%**	13	666	17.33%	1	51	16.67%								
Aspergillus|Penicillium	**174**	**8,909**	**31.58%**	**46**	**2,355**	**61.33%**	**3**	**154**	**50.00%**								
Basidiospores	109	5,581	**19.78%**	3	154	4.00%	1	51	16.67%								
Bipolaris|Drechslera	**Not Detected**			**Not Detected**			**Not Detected**										
Chaetomium	Not Detected			Not Detected			Not Detected										
Cladosporium	**104**	**5,325**	**18.87%**	**10**	**512**	**13.33%**	**1**	**51**	**16.67%**								
Curvularia	1	51	0.18%	Not Detected			Not Detected										
Epicoccum	**2**	**102**	**0.36%**	**Not Detected**			**Not Detected**										
Fusarium	3	154	0.54%	Not Detected			Not Detected										
Memnoniella	**Not Detected**			**Not Detected**			**Not Detected**										
Myxomycetes|Smuts	2	102	0.36%	2	102	2.67%	Not Detected										
Pithomyces	**3**	**154**	**0.54%**	**1**	**51**	**1.33%**	**Not Detected**										
Stachybotrys	Not Detected			Not Detected			Not Detected										
Stemphylium	**Not Detected**			**Not Detected**			**Not Detected**										
Torula	Not Detected			Not Detected			Not Detected										
Trichoderma	**Not Detected**			**Not Detected**			**Not Detected**										
Ulocladium	Not Detected			Not Detected			Not Detected										
Unspecified Spore	**2**	**102**	**0.36%**	**Not Detected**			**Not Detected**										
Total	551	28,211	100.00%	75	3,840	100.00%	6	307	100.00%								
Hyphal Fragment	**1**	**51**	-	**Not Detected**		-	**Not Detected**		-								

HEALTHY HOMES INC
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Peformance from the Field

Called In To Finish The Job

Snapshot

A restoration company was hired by a homeowner to address a flood event in their finished basement. A limited approach was taken by the restoration company, which primarily focused on removal of water-damaged items and drying out the space. High mold levels were noted later when the homeowners preemptively tested the basement in preparation to sell their home. Healthy Homes products were exclusively used in conjunction with established protocols over 2 days to reduce the Aspergillus / Penicillium counts by 99.3% and the Stachybotrys counts by 100%.

Intro

Sager Healthy Homes was contacted by a concerned homeowner over the elevated test results she received for her basement. The homeowner explained that a restoration company had done some work in the basement after a flood event and after some time had passed, they were looking to prepare the house to sell. A flood cut (4ft up from the floor) of the drywall had been done. Along with the damaged drywall, some other damaged items were disposed of. Fans and dehumidifiers were used to dry the space. Unfortunately, for the client, no additional treatment or post-testing was recommended after the flood.

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Problem

Without taking the initial proper steps for cleaning and treatment as well as ensuring the basement wasn't left in a condition suitable for mold growth, Aspergillus/Penicillium (14,798 Cts/M³) and Stachybotrys (3,920 Cts/M³) rose to elevated levels. Additionally, the HVAC was inspected and tested as well revealing total mold counts of 1,435 Cts/M³.

Newton Microbial Laboratory

Property/Customer Name	Site Street Address	Site City

Company Email	Company Phone Number	Date Collected
inspections@sherwoodinspection.com;david@sherwoodinspection.com	860-646-9983	6/26/2020

Company Address	Company Name	Sample Collected by
1071 Ellington Rd, South Windsor, CT 6074	Sherwood Inspection Services	Kyle Wicklund

Newton ML Sample ID	CAE20200629005R001AS			CAE20200629005R002AS			CAE20200629005R003AS		
Sample Name/Location	Control			Basement			Duct-work		
Volume (L)	75			75			15		
Background	3			3			2		
Analyt. Sensitivity 100X (Cts/M³)	13			13			67		
Analyt. Sensitivity 400X* (Cts/M³)	26*			26*			128*		
Sample Type	Spore Trap			Spore Trap			Spore Trap		
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	1	13	0.32%	1	13	0.07%	Not Detected		
Ascospores	75	1,000	24.24%	2	27	0.14%	4	267	18.59%
Aspergillus|Penicillium*	40	1,024	24.83%	578	14,798	77.06%	5	640	44.61%
Basidiospores	17	227	5.49%	6	80	0.42%	6	400	27.88%
Bipolaris|Drechslera	1	13	0.32%	Not Detected			Not Detected		
Chaetomium	Not Detected			2	27	0.14%	Not Detected		
Cladosporium*	65	1,664	40.34%	7	179	0.93%	1	128	8.92%
Curvularia	Not Detected			Not Detected			Not Detected		
Epicoccum	2	27	0.65%	3	40	0.21%	Not Detected		
Fusarium*	3	77	1.86%	Not Detected			Not Detected		
Memnoniella*	Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	3	40	0.97%	2	27	0.14%	Not Detected		
Pithomyces	Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			294	3,920	20.41%	Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected		
Trichoderma*	Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected		
Unspecified Spore	3	40	0.97%	7	93	0.49%	Not Detected		
Total	210	4,125	100.00%	902	19,204	100.00%	16	1,435	100.00%
Hyphal Fragment	2	27	-	6	80	-	Not Detected		-
Comments									

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Approach

The first step was to remove the remainder of the drywall and any other affected materials that couldn't reasonably be cleaned. An air scrubber was utilized to create a negative pressure environment to contain movement of spores to other areas of the home and introduce fresh air through the contaminated space. RE-Hydro was applied to all wood framing and unfinished construction materials. Other materials and items were also wiped down with either RE-Hydro or BIO-Clean. The basement and ductwork were then thoroughly fogged with DE-Mold as a final step.

Results

The team at Sager Healthy Homes supplied two technicians over two days to complete the work. Due to protocols that were implemented and the safety of Healthy Homes Products, the homeowners weren't displaced from their home while the work was being conducted. Post-test results showed Aspergillus / Penicillium counts dropped from 14,798 to 102 and Stachybotrys counts from 3920 to None Detected. That's a reduction of 99.3% and 100% respectively.

Newton Microbial Laboratory

Property/Customer Name				Site Street Address			Site City		
Company Email				Company Phone Number			Date Collected		
inspections@sherwoodinspection.com;david@sherwoodinspection.com				860-646-9983			7/13/2020		
Company Address				Company Name			Sample Collected by		
1071 Ellington Rd, South Windsor, CT 6074				Sherwood Inspection Services			Brad Peters		
Newton ML Sample ID	CAE202007140070001AS			CAE202007140070002AS					
Sample Name/Location	Exterior			Basement					
Volume (L)	75			75					
Background	2			2					
Analyt. Sensitivity 100X (Cts/M³)	13			13					
Analyt. Sensitivity 400X* (Cts/M³)	26*			26*					
Sample Type	Spore Trap			Spore Trap					
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total			
Alternaria	1	13	0.08%	Not Detected					
Ascospores	1,152	15,360	86.81%	5	67	28.28%			
Aspergillus|Penicillium*	47	1,203	6.80%	4	102	43.44%			
Basidiospores	18	240	1.36%	2	27	11.31%			
Bipolaris|Drechslera	Not Detected			Not Detected					
Chaetomium	Not Detected			Not Detected					
Cladosporium*	26	666	3.76%	Not Detected					
Curvularia	Not Detected			Not Detected					
Epicoccum	Not Detected			Not Detected					
Fusarium*	2	51	0.29%	Not Detected					
Memnoniella*	Not Detected			Not Detected					
Myxomycetes|Smuts	2	27	0.15%	Not Detected					
Pithomyces	Not Detected			1	13	5.66%			
Stachybotrys	Not Detected			Not Detected					
Stemphylium	Not Detected			Not Detected					
Torula	Not Detected			Not Detected					
Trichoderma*	Not Detected			Not Detected					
Ulocladium	Not Detected			Not Detected					
Unspecified Spore	10	133	0.75%	2	27	11.31%			
Total	1,258	17,693	100.00%	14	236	100.00%			

HEALTHY HOMES INC
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Peformance from the Field

Problems Were Hidden Away

Snapshot

A woman living in a condo experienced a leak in her bathroom ceiling originating from the unit above. Due to a slow response from the condo association the issue worsened. At the same time this was occurring, the health of the homeowner began to decline. After some demolition in the bathroom and a thorough cleaning and treatment with Healthy Homes products, the total mold counts were drastically reduced from 354,662 Cts/M^3 to 2,560 Cts/M^3 for a total mold reduction of 99.3%. The products once again proved their efficacy across a wide variety of mold species.

Intro

The condo owner reached out to Sager Healthy Homes after her condo association made some repairs to her bathroom after noticing a leak from the unit above. The handyman for the association opened the ceiling to repair the leak. Mold in the ceiling was sprayed with a primer (Killz) and the ceiling was closed back up. After the repair, the symptoms the owner was experiencing that correlate to mold exposure continued to worsen. At this point, Sager Healthy Homes recommended to the association that the entire bathroom be gutted to reveal any larger issues.

Problem

The demolition of the bathroom exposed a much larger issue and a history of bad repairs. Within the walls, old moldy drywall was found that had been previously discarded there. It was also noted that the leak had run under the tub and through the floor into the basement. At this point, Sager Healthy Homes recommended air samples be taken from the bathroom and basement below. Testing for the bathroom showed elevated levels for Ascospores, Aspergillus/Penicillium, Chaetomium, Cladosporium, Memnoniella, and Stachybotrys. The basement sample contained these species at lower levels, with the addition of Trichoderma. This situation was especially problematic since there was a mold source directly in the bathroom but additionally the mold levels in the basement also contributed to the living space through the stack effect.

Newton Microbial Laboratory

Property/Customer Name				Site Street Address			Site City		
Company Email				Company Phone Number			Date Collected		
inspections@sherwoodinspection.com;david@sherwoodinspection.com				860-646-9983					
Company Address				Company Name			Sample Collected by		
1071 Ellington Rd, South Windsor, CT 6074				Sherwood Inspection Services			Brad Peters		
Newton ML Sample ID	CAE20230327012OA001			CAE20230327012OA002			CAE20230327012OA003		
Sample Name/Location	Exterior			Front Bathroom			Basement		
Volume (L)	75			75			75		
Background	2			4			3		
Analytical Sensitivity (Cts/M³)	51			51			51		
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®		
Sample Type	Spore Trap			Spore Trap			Spore Trap		
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected		
Ascospores	6	307	22.22%	75	3,840	1.08%	12	614	2.27%
Aspergillus|Penicillium	4	205	14.81%	785	40,192	11.33%	151	7,731	28.54%
Basidiospores	10	512	37.04%	Not Detected			4	205	0.76%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			4,470	228,864	64.53%	295	15,104	55.77%
Cladosporium	6	307	22.22%	120	6,144	1.73%	3	154	0.57%
Curvularia	Not Detected			Not Detected			Not Detected		
Epicoccum	Not Detected			Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			121	6,195	1.75%	5	256	0.95%
Myxomycetes|Smuts	1	51	3.70%	4	205	0.06%	6	307	1.13%
Pithomyces	Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			1,352	69,222	19.52%	12	614	2.27%
Stemphylium	Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			41	2,099	7.75%
Ulocladium	Not Detected			Not Detected			Not Detected		
Unspecified Spore	Not Detected			Not Detected			Not Detected		
Total	27	1,382	100.00%	6,927	354,662	100.00%	529	27,085	100.00%

HEALTHY HOMES INC
THE BEST NATURE HAS TO OFFER

Approach

An air scrubber was set up to limit contaminants to the bathroom while the work was being performed. Moldy surfaces and framing in the bathroom and basement were treated with RE-Hydro. Because of limited access and the inability to spray and scrub under the tub due to limited space and access, the cavity was fogged with DE-Mold as well as the rest of the bathroom and the entirety of the basement. Post-testing was then conducted to ensure the mold was remediated.

Results

With just two technicians, Sager Healthy Homes was able to thoroughly clean and treat the bathroom and basement, restoring indoor air quality to safe levels within a single day. Post-testing in the bathroom showed the following results: 85% reduction in Ascospores, 97.7% reduction in Aspergillus/Penicillium, 99.9% reduction in Chaetomium, 90.8% reduction in Cladosporium, 100% reduction in Memnoniella, and 99.9% reduction in Stachybotrys.

Newton Microbial Laboratory

Property/Customer Name				Site Street Address			Site City		
							Simsbury		
Company Email				Company Phone Number			Date Collected		
inspections@sherwoodinspection.com;david@sherwoodinspection.com				860-646-9983			4/1/2023		
Company Address				Company Name			Sample Collected by		
1071 Ellington Rd, South Windsor, CT 6074				Sherwood Inspection Services			Brad Peters		
Newton ML Sample ID	CAE20230403011OA001			CAE20230403011OA002			CAE20230403011OA003		
Sample Name/Location	Exterior			Front Bathroom			Basement		
Volume (L)	75			75			75		
Background	3			3			3		
Analytical Sensitivity (Cts/M³)	51			51			51		
Cassette Type	Air-O-Cell®			Air-O-Cell®			Air-O-Cell®		
Sample Type	Spore Trap			Spore Trap			Spore Trap		
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total
Alternaria	Not Detected			Not Detected			Not Detected		
Ascospores	17	870	28.81%	11	563	22.00%	7	358	18.92%
Aspergillus|Penicillium	11	563	18.64%	18	922	36.00%	14	717	37.84%
Basidiospores	23	1,178	38.98%	5	256	10.00%	12	614	32.43%
Bipolaris|Drechslera	Not Detected			Not Detected			Not Detected		
Chaetomium	Not Detected			1	51	2.00%	Not Detected		
Cladosporium	2	102	3.39%	11	563	22.00%	4	205	10.81%
Curvularia	Not Detected			Not Detected			Not Detected		
Epicoccum	4	205	6.78%	Not Detected			Not Detected		
Fusarium	Not Detected			Not Detected			Not Detected		
Memnoniella	Not Detected			Not Detected			Not Detected		
Myxomycetes|Smuts	2	102	3.39%	2	102	4.00%	Not Detected		
Pithomyces	Not Detected			Not Detected			Not Detected		
Stachybotrys	Not Detected			2	102	4.00%	Not Detected		
Stemphylium	Not Detected			Not Detected			Not Detected		
Torula	Not Detected			Not Detected			Not Detected		
Trichoderma	Not Detected			Not Detected			Not Detected		
Ulocladium	Not Detected			Not Detected			Not Detected		
Unspecified Spore	Not Detected			Not Detected			Not Detected		
Total	59	3,021	100.00%	50	2,560	100.00%	37	1,894	100.00%