

PERFORMANCE IN THE FIELD

CASE STUDY

Feburary 2024 Central, Connecticut

OVERVIEW

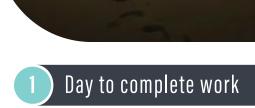
This case study highlights a simple remediation job in a finished basement and adjacent crawlspace with exterior mold and basement mold contributing to elevated levels throughout the home. Relying on two of our solutions, two technicians completed the job in one full day.

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 air.

SOLUTIONS USED

DE-MOLD Plant-based biological fog

RE-HYDRO Hydrogen Peroxide heavy duty surface cleaner



- 2 Technicians performing work
- 2 Solutions used for remediation

RESULTS

organism 	Pre counts	Post Counts	Keuuction
Aspergilius / Penicilium	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%



228006R. derior 75 1 51 -0-Cell* ove Trap ts/M3 256 205 9,184	% of Total 0.86% 0.69% 97.77%	CAEZO	d Inspection 0231228006l Living Room 75 3 51 Air-O-Cell* Spore Trap Cts/M³ 410 1,024 973	RA002	CAE2	D231228006R Basement 75 4 51 Air-O-Cell® Spore Trap Cts/M³ 51 36,864	% of Total 0.01% 5.30%	Date Analyzed CAE20	12/28/2023 12/28/2023 12/28/2023 12/28/2006 12/28/2023	RA004
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205 9,184	0.69%	8 20 19 Not Detected	1,024	35.09%	720	36,864	5.30%	12		22.22%
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9,184		19 Not Detected					and the second second	18	922	
	97.77%	Not Detected	973	33.33%	1					33.33%
205					-	51	0.01%	7	358	12.96%
205		Not Detected			Not Detected			Not Detected	- 4	
205					12	614	0.09%	Not Detected		
	0.69%	7	358	12.28%	12,750	652,800	93.85%	13	666	24.07%
		Not Detected		1	Not Detected			Not Detected		-
		Not Detected			Not Detected			Not Detected		
		Not Detected			Not Detected	1		Not Detected		
		Not Detected		12-	Not Detected			Not Detected		
		3	154	5.26%	Not Detected			4	205	7.41%
		Not Detected			Not Detected			Not Detected		
		Not Detected			99	5,069	0.73%	Not Detected		
		Not Detected			Not Detected			Not Detected		
		Not Detected			Not Detected			Not Detected		
		Not Detected			Not Detected			Not Detected		
		Not Detected			Not Detected			Not Detected		
		Not Detected			2	102	0.01%	Not Detected		
9,850	100.00%	57	2,918	100.00%	13,585	695,552	100.00%	54	2,765	100.00%
		1	51	-	22	1126	-	Not Detected		-
9	.850	.850 100.00%	Not Detected 3 Not Detected So Detected Not Detected So Detected Not Detected So Detected Not Detected	Not Detected 3 154	Not Detected 3 154 5.26%	Not Detected 3 154 5.26% Not Detected 2 2 2 2 2 2 2 2 2	Not Detected 3 154 5.26% Not Detected N	Not Detected 3 154 5.26% Not Detected N	Not Detected 3 154 5.26% Not Detected Not Detected 4 Not Detected 4 Not Detected Not Dete	Not Detected 3 154 5.26% Not Detected N

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Property/Customer Name	Site Spect Address			Simsbury Simsbury			0		06070			
Company Email	Company Phone Number			Date Colected			Date Received		00070			
company consu	Company Priorie Autropy			2/16/2024			02/19/2024					
Company Address				Company Name			2/16/2024 Sample Collected by			Date Analyzed		
Complete Anniess				Sherwood Inspection Services			sample Lonected by			02/19/2024		
Newton ML Sample ID	CAE20240219006OA001						CAE20240219006OA003			CAE20240219006OA004		
Sample Name/Location	Office - Control			CAE202402190060A002 Family Room			Playroom			Basement		
Volume (L)	75			Family Koom 75						75		
Background							75			100		
0	2 51			3			3			3		
Analytical Sensitivity (Cts/M³)				51			51			51		
Cassette Type	Air-O-Cell®		Air-O-Cell*			Air-O-Cell®			Air-O-Cell*			
Sample Type		Spore Trap	1		Spore Trap	-		Spore Trap			Spore Trap	_
Organism	Counted	Cts/M ^s	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M ³	% of Total	Counted	Cts/M³	% of Tota
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		1	Not Detected		1	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		1	Not Detected		
Memnoniella	Net 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	500		Not Detected		-	Not Detected		1	Not Detected		V
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	18	3	154	- 4	1	51	9	1	51	
Comments												

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