

PERFORMANCE IN THE FIELD

CASE STUDY

April 2025 Burlington, Connecticut



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



- 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%

Sherwood Inspection Services



Newton Report ID CAE20250320003R

2004 2.949	Company Name Sherwor Sherwor all Counted Not Detected 3 31 5 29	kitchen 75 3 5 5 7 68 205 768	% of Total 34,07% 31,87% 7,69%	Date Collected b Sample Collected b M Counted Not Detected 12 3 Not Detected Not Detected Not Detected Not Detected	Burlington 3/19/2025 Y Brad Peters aster Bedror 75 3 5 1 Air-O-Cell® Spore Trap Cts/M³ 358 614 154		Date Received Date Analyzed Counted Not Detected 105 80 44 Not Detected	03/20/2025 Attic 75 4 51 Air-O-Cell® Spore Trap Cts/M³ 4,096 4,096 2,253	
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/M³ % of To 229 35,29 12 14,71 536 44,12	Not Detected 31 29 7 Not Detected 4	1,587 1,485 358	34.07% 31.87% 7.69%	Not Detected 7 12 3 Not Detected	Cts/M ³ 358 614	24.14% 41.38%	Not Defected 105 80 44	Cts/M³ 5,376 4,096	38.75% 29.52%
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229 35,29 12 14.71 536 44.12	31 29 7 Not Detected 4	1,587 1,485 358	31.87% 7.69% 4.40%	7 12 3 Not Detected	358 614	41.38%	105 80 44	5,376 4,096	29.52%
12 14.719 536 44.129	29 7 Not Detected 4	1,485 358 205	31.87% 7.69% 4.40%	12 3 Not Detected	614	41.38%	80 44	4,096	29.52%
536 44.129	7 Not Detected 4	358 205	7.69%	3 Not Detected		0.000000	44	4,096	The second secon
	Not Detected	205	4.40%	Not Detected	154	10.34%			16 24%
02 2.94%	4		1000000	The Spanish and Spanish			Not Detected		
02 2.949			1000000	Not Detected					
02 2.949	15	760					Not Detected		
		/00	15.43%	5	256	17.24%	34	1,741	12.55%
	Not Detected			Not Detected			Not Detected		100
	Not Detected			Not Detected			Not Detected		
	Not Detected			Not Detected			Not Detected		
- 10	Not Detected		1	Not Detected			Not Detected		
	4	205	4.40%	Not Detected			3.	154	1.11%
	Not Detected			Not Detected			Not Detected		
	Not Detected			Not Detected			Not Detected		
	Not Detected			Not Detected			Not Detected		
	Not Detected		1	Not Detected			Not Detected		
	Not Detected			Not Detected			Not Detected		
	Not Detected			Not Detected		1	Not Detected		
02 2.949	1	51	1.10%	2	102	6.90%	5	256	1.85%
100.00	6 91	4,659	100.00%	29	1,485	100.00%	271	13,875	100.00%
1	25	1280		Not Detected		-	22	1126	-
-		4 Not Detected 2 2.94% 1	4 205 Not Detected Not Detected	4 205 4.40%	4 205 4.40% Not Detected 2 2.94% 1 51 1.10% 2 2 2.94% 91 4,659 100.00% 29	4 205 4.40% Not Detected N	4 205 4.40% Not Detected N	4 205 4.40% Not Detected 3 Not Detected N	4 205 4.40% Not Detected 3 154

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Sherwood Inspection Services



Newton Report ID CAE20250320003R

Property/Customer Name				Site Street Address		_	Site City	-		Site State		Site Zip
								Burlington		C1		06013
Company Email					umber		Date Collected			Date Received		
inspections@sherwoodinspect	en.com;david@	sherwoodin	spection.com		360-646-9983		3/19/2025			03/20/2025		
Company Address		-		Company Name			Sample Collected by			Date Analyzed		
1071 Ellington Rd, South Windsor, CT 6074			Shenvoo	od Inspection	Services	Brad Peters			03/20/2025			
Newton ML Sample ID					-			707				
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/M ³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M ³	% of Total			
Alternaria	Not Detected		100	Not Detected		The same of	Not Detected	1	100			
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		19-11-51	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		14	Not Detected		11111111	Not Detected					
Trichoderma	Not Detected			Not Detected			Not Detected					
Ulocladium	Not Detected		1	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												

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Sherwood Inspection Services



Newton Report ID CAE202504050010

Site Street Address Site Chy					Site State		Site Zip		
	Burlington				CT		06013		
Company Phone Number					Date Received				
860-646-9983			4/2/2025			04/05/2025			
Company Name				Sample Collected by			Date Analyzed		
Sherwood Inspection Services				Brad Peters			04/05/2025		
	ľ								
Kitchen			Attic	-	Basement				
75			75			75			
3			3			3			
51			51			51			
Air-O-Cell ^e			Air-O-Cell®			Air-O-Cell ^e			
Spore	Spore Trap				Spore Trap				
unted Cts/	l	Counted	Cts/M³	% of Total	Counted	Cts/M ³	% of Tota		
Detected	ľ	Not Detected	1		Not Detected				
8 41	1	19	973	40.43%	11	563	30.56%		
4 20	ľ	19	973	40.43%	18	922	50.00%		
1 5	1	5	256	10,64%	3	154	8.33%		
Detected	ľ	Not Detected			Not Detected				
Detected	1	Not Detected		4	Not Detected				
1 5	ľ	1	51	2.13%	1	51	2.78%		
Detected	11	Not Detected			Not Detected		2-55		
Detected	11	Not Detected			Not Detected				
Detected	11	Not Detected			Not Detected				
Detected	ľ	Not Detected			Not Detected				
Detected	1	2	102	4.26%	2	102	5.56%		
Detected	1	Not Detected			Not Detected				
Detected	ľ	Not Detected			Not Detected				
Detected	ľ	Not Detected			Not Detected				
Detected	1	Not Detected			Not Detected				
Detected	1	Not Detected			Not Detected				
Detected	ľ	Not Detected			Not Detected				
2 10	1	1	51	2.13%	1	51	2.78%		
16 81		47	2,406	100.00%	36	1,843	100.00%		
3 19	1	4	205		6	307	-		
	819 100.00% 154 -								

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