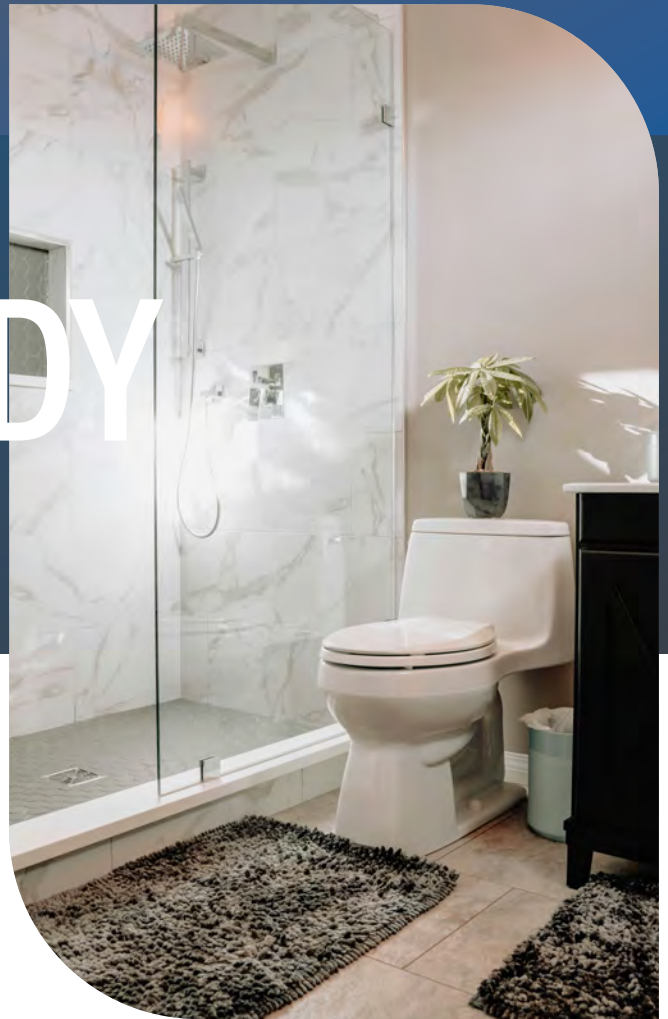




PERFORMANCE IN THE FIELD

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 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 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%
Aspergillus / Penicilium	7,117	256	96.4%
Basidiospores	3,533	102	97.1%
Cladosporium	512	None Detected	100%
Total Spore	15,002	563	96.2%



Property/Client Name				Site Street Address				Site City				Site State				Site Zip			
[Redacted]				[Redacted]				Vernon				CT				06066			
Company Email				Company Phone Number				Date Collected				Date Recalled							
[Redacted]				[Redacted]				2/6/2024				02/07/2024							
Company Address				Company Name				Sample Collected by				Date A. J. J. J.							
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/M ³)		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/M ³	% of Total	Counted	Cts/M ³	% of Total	Counted	Cts/M ³	% 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	77.40%										
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%										
Hypheal Fragment	Not Detected			1	2	614		4	205										
Comments																			



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			CAE202403130080A001			CAE202403130080A002			CAE202403130080A003			CAE202403130080A004																										
Sample Name/Location			Exterior			Stairs			Bathroom			Basement																										
Volume (L)			75			75			75			75																										
Background			3			3			2			3																										
Analytical Sensitivity (Cts/M ³)			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/M ³			% of Total			Counted			Cts/M ³			% of Total			Counted			Cts/M ³			% of Total											
Alternaria			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			45.45%			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																																						