

PERFORMANCE IN THE FIELD

CASE STUE

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



- 2 Technicians performing work
- 3 Solutions used for remediation

RESULTS	Organism	Pre Counts	Post Counts	Reduction		
	Ascospores	3,482	205	94.1%		
	Aspergilius / 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/Customer Name							Stre City	Vernan			T	06066
Company Email			-		- her		Dage Collected	· Cind		Date Received		00000
ompany email	Company Phone Number			2/6/202 4			02/07/20 24					
Company A dd ress	Complete Name			Sample Colected by,			Date A. shreed					
1071 Ellington Rd, South Windsor, CT 6074				Sherwood Inspection Services			Sample Concrea by,			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 1			_		-
Analytical Sensitivity (Cts/M³)	51			51			51					
Cassette Type	Air-O-Cell®			Air-O-Cell®			AirO-Cell®			-		
Sample Type	Spore Trap			Spore Trap			Spore Trap					
	Country									-		-1
Organism	Counted	Cts/M³	% of Total	Counted	Cts/M ³	% of Total	Counted	Cts/M³	% of Total			-
Alternaria	Not Detected	400	10.000	Not Detected	4.436	F4 7701	Not Detected	2 407	222401			
Ascos pores	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	数23.55%	_		-
Bipolaris Drechslera	Not Detected			Not Detected			Not Detected					
Chaetomium	Not Detected			2	102	1.34%	Not Detected					1
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			NotDetected					
Stachybotrys	Not Detected			Not Detected			Not Detected					
Stemphylium	Not Detected			Not Detected			Not Detected		A			
Torula	Not Detected			Not Detected			Not Detected					- 1
Trichode rma	Not Detected			Not Detected			Not Detected					4
Ulocladium	Not Detected		1	Not Detected			Not Detected		1			
Unspecified Spore	Not Detected			Not Detected			3	154	1.02%			3/
Total	20	1,024	100.00%	149	7,629	100.00%	293	15,002	100.00%			1
Hyphal Fragment	Not Detected			1 2	614	1 - 2 -	4	205	2			1-
Comments				N.								

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Company Email Company Address 1071 Ellington Rd, Sou				Company Phone Nu	mber		Date Collected	Vernon		CT Date Received		06066	
Company Address				Company Priorie NO	noer								
								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			sample Collected by			03/13/2024			
Newton ML Sample ID CAE20240313008OA001				CAE202403130080A002			CAE20240313008OA003			CAE202403130080A004			
Sample Name/Location	Exterior			Stairs			Bathroom			Basement			
Volume (L)	Exterior 75			75			75			75			
Background				3			2 .			3			
Analytical Sensitivity (Cts/M³)	51			51			51			51			
				Air-O-Cell*						Air-O-Cell®			
Cassette Type Sample Type	Air-O-Cell® Spore Trap						Air-O-Cell®			Spore Trap			
			Tax man of		Spore Trap Spore Trap		T-1 12 7			Taraka			
	ounted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Total	Counted	Cts/M³	% of Tota	
	t Detected		The second	Not Detected	7512	2000	Not Detected			Not Detected	225		
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%	
CONTRACTOR DESCRIPTION OF THE PROPERTY OF THE	t Detected			Not Detected			Not Detected			Not Detected			
	t Detected			Not Detected			Not Detected			Not Detected			
Cladosporium	3	154	13.64%	1	51	7.69%	1	51	7.69%	Not Detected			
Curvularia	t Detected			Not Detected			Not Detected			Not Detected			
	t Detected			Not Detected			Not Detected			Not Detected			
	t Detected			Not Detected		×	Not Detected			Not Detected			
Memnoniella Not	t Detected			Not Detected			Not Detected			Not Detected			
Myxomycetes Smuts	2	102	9.09%	Not Detected			Not Detected			Not Detected			
Pithomyces Not	t Detected			Not Detected			Not Detected			Not Detected			
Stachybotrys Not	t Detected			Not Detected			Not Detected			Not Detected			
Stemphylium Not	t Detected			Not Detected			Not Detected			Not Detected			
Torula Not	t Detected			Not Detected			Not Detected			Not Detected			
Trichoderma Not	t Detected			Not Detected			Not Detected			Not Detected			
Ulocladium Not	t Detected			Not Detected			Not Detected			Not Detected			
Unspecified Spore	1	51	4.55%	Not Detected			Not Detected		The state of	Not Detected	1	100	
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		-	

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