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EnviroHealth & Safety, LLC

KNOWLEDGE PROTECTING RESOURCES

Muscogee County Jail Mold Remediation Project

Milton Bonner, RPIH, CECM, CMI, CMRC

Health, Safety, & Environmental Consultant

OUR SERVICES :



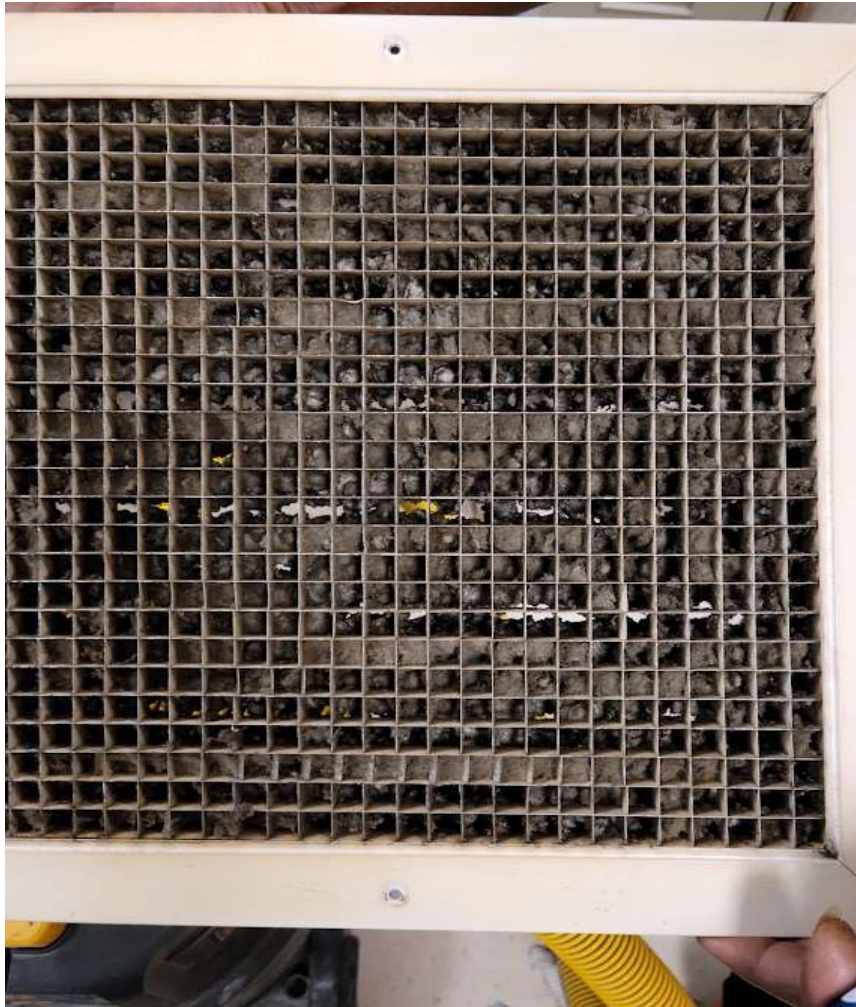
- Certified Lead Paint Renovations
- Certified Mold Inspection/Remediation
- Environmental Sampling/Remediation
- Occupational Health/Safety Training
- Occupational Physician Walk-thru
- Pre-Purchase Home Inspections
- Indoor Air Quality Testing
- Industrial Hygiene Services
- HAZWOPER Training
- Health Physics

Project Scope :

- Facility Inspection
- Indoor Air Quality Testing
- Review Testing Results
- Established Remediation Protocol
- Remediation In Process (Started 3/27/24- Current)



Facility Inspec



Facility Inspec



Facility Inspec



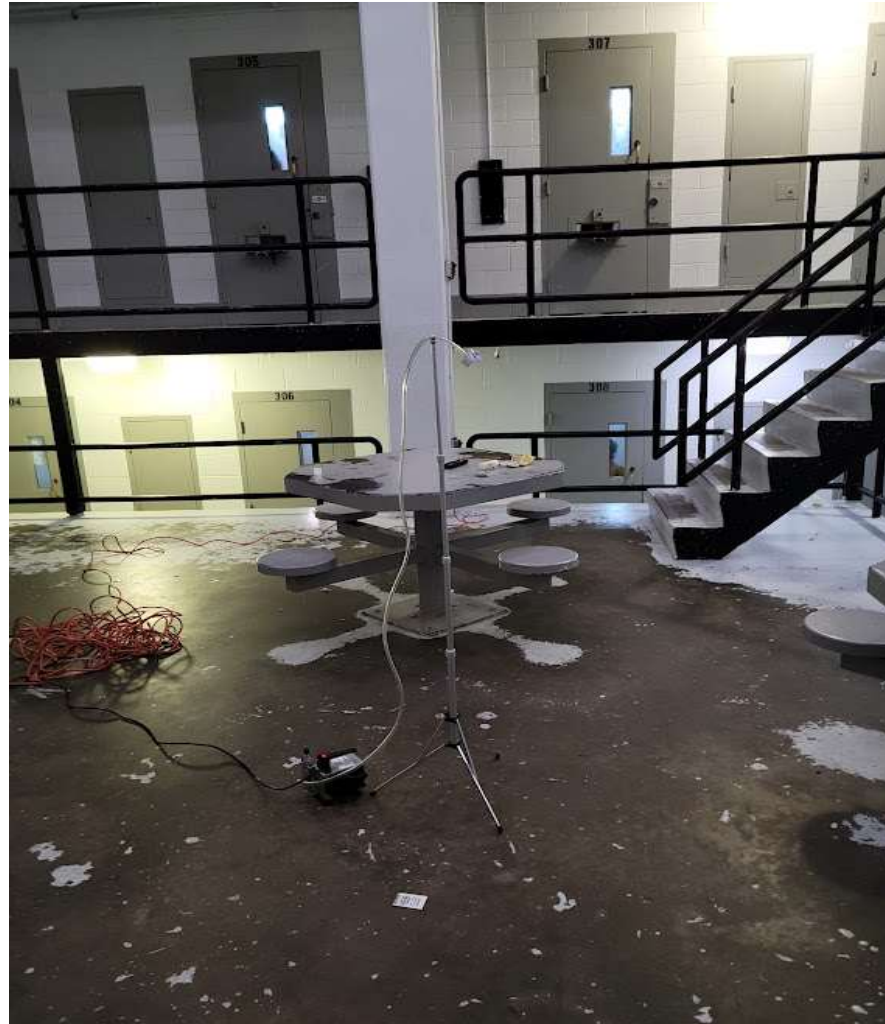
Facility Inspec



Facility Inspec



Indoor Air Quality



Test Results:



Holding Cell Spore Count:

SanAir ID Number	24014368-004			24014368-018		
Analysis Using STL	105C			105C		
Sample Number	4			18		
Sample Identification	Holding Cell			Outdoors		
Sample Type	Air Cassette - Air-O-Cell			Air Cassette - Air-O-Cell		
Volume	75 Liters			75 Liters		
Analytical Sensitivity	13 Count/M ³			13 Count/M ³		
Background Density	2+			1+		
Other	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%
Mycelial Fragments						
Fungal Identification	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%
Alternaria species						
Ascospores	2	27	1	15	200	7
Aspergillus/Penicillium	12	160	7	5	67	2
Basidiospores	9	120	5	150	2000	68
Bipolaris/Drechslera						
Cercospora species				1	13	< 1
Chaetomium species						
Cladosporium species	69	920	40	48	640	22
Curvularia species	2	27	1			
Epicoccum species						
Fusarium species	3	40	2			
Memnoniella species	20	267	12			
Nigrospora species	1	13	< 1			
Oidium species				1	13	< 1
Pithomyces species						
Pyricularia species						
Smuts/Myxomycetes	3	40	2			
Stachybotrys species	51	680	29			
Torula species	1	13	< 1			
TOTAL	173	2307		220	2933	

Test Results:

Holding Cell Spore

Air Cassette Analysis - Spores % of Outdoor Air

SanAir ID : 24014368-4

Sample # : 4

ID : Holding Cell



*Baseline Level

Count/m ³ higher than Baseline	Aspergillus/Penicillium	Basidiospores	Cladosporium species	Memnoniella species	Stachybotrys species
Count/m ³ comparable to Baseline					
Within 50% of Baseline Count/m ³					

*The Baseline Level (100%) represents the average baseline sample counts. Counts above the baseline may indicate higher than expected levels of a given result.

Remediation Protc



- Followed strict EPA Mold Remediation Protocol
- Followed Institute of Inspection, Cleaning and Restoration Certification Standard S520
- Remediate all fungal growth as rapidly as possible
- Repair defects that led to water accumulation
- Remediation of contaminated material and infrastructure repair
- ~~***Proper building and HVAC system maintenance***~~
ALL THESE STEPS ARE NEEDED TO ENSURE A HEALTHY AND SAFE WORKING ENVIRONMENT!!!

Remediation in Proc



Remediation in Proc



Before and After Ph



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Before and After Ph



Before and After Ph



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Before and After Ph



Before and After Ph



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