

# Microbial Clearance Report

## Project Location:

Amherst United States Army Reserve Center  
Basement Class Rooms 21, 22 & 23  
100 North Forest Road  
Amherst, NY 14221

**Conditions as of:** January 21<sup>st</sup>, 2025

**Project ID:** 24-0909MN-A

## Prepared For:

Attn: Scott Kawska  
Regional Facilities Manager  
US Army Reserve  
7001 Klier Drive  
Fairfield, PA 16415

## Prepared by:



**AMD Environmental Consultants, Inc.**

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Tonawanda, NY 14150  
OFFICE (716) 833-0043 | FAX (716) 241-8689  
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## 1.0 Project Summary



January 21<sup>st</sup>, 2025

Attn: Scott Kawski  
Regional Facilities Manager  
US Army Reserve  
7001 Klier Drive  
Fairfield, PA 16415

**Re: Mold Clearance Report**  
**Amherst United States Army Reserve Center**  
**Basement Class Rooms 21, 22, 23**  
**100 North Forest Road, Amherst, NY 14221**  
**AMD Project ID: 24-0909MN-A**

Mr. Kawski:

I am pleased to present this summary of mold assessment services consistent with the guidelines set forth by NYSDOL in Article 32, Title 2: "Minimum Work Standards for the Conduct of Mold Assessments and Remediation by Licensed Persons."

Jonathan Wolf conducted mold clearance sampling activities on January 21<sup>st</sup>, 2025. A total of four (4) air samples and two (2) tape samples were collected and analyzed at AMD Environmental Consultants Laboratory, Buffalo NY. Further detail can be found on the attached analysis.

Sampling was conducted to identify the type and concentration of identified fungal growth. Air sampling characterizes and quantifies the extent of mold by presenting a concentration of airborne spores (cfu<sup>3</sup>) and offers a determination of suspect hazard by category (i.e., toxigenic, pathogenic, allergenic).

Sampling analysis data is used to help determine proper mitigation techniques as well as personal protective wear used by the contractor. Pre mitigation (initial) sampling also serves to establish a background concentration that is often compared against post mitigation results to determine the effectiveness of any mitigation actions taken.

**Non-viable air and surface sampling analysis indicated no elevated concentrations of spores throughout the works areas tested when compared to exterior levels after mitigation and re-testing. Based on the results of the visual assessment and analytical testing, mitigation is considered successful at this time.**

Please do not hesitate to contact me if I may provide any additional information.

Sincerely,

Jonathan Wolf  
NYS Licensed Mold Inspector  
Cert #24-6ZQ4V-SHMO  
AMD Environmental Consultants, Inc.



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### 1.1.1 Air Sample Analysis

**AIR SAMPLE ANALYSIS**

Client:	AMD Environmental Consultants 72 E. Niagara St. Suite 100 Tonawanda, NY 14150	Project No.:	24-0909MN-A	Batch Number:	25M013
Sample Date:	01/21/2025	Project Name:	M 100 N. FOREST	Received:	01/21/2025 10:30 AM
Report Date:	01/21/2025	Job Address:	100 N. Forest Rd.	Analysis Date:	01/21/2025
		City, ST Zip:	Buffalo, NY 14221	Analyst(s):	Natalie Brown
		Work Area:	Basement Class Rooms		

**Air Sample Analysis by ASTM Standard Test Method D7391**

Lab Sample ID:	25M013-1				25M013-2							
Client Sample ID:	1				2							
Sample Description:	Basement - Main Class Room			Basement - Office #21								
Debris Rating:	1		Volume (L):75		1		Volume (L):75					
Media Brand/Impact Type:	Allergenco			Slit Impactor		Allergenco		Slit Impactor				
Spore Types	Raw Count	fs/ sample	fs/ m <sup>3</sup>	Min. Rep. Lim.	% Counted	E*	Raw Count	fs/ sample	fs/ m <sup>3</sup>	Min. Rep. Lim.	% Counted	E*
Alternaria	ND						ND					
ascospores	ND						ND					
Chaetomium	ND						ND					
Aspergillus/Penicillium-like	ND						1	1	13	13	100%	
basidiospores	ND						ND					
Cladosporium	ND						1	1	13	13	100%	
Curvularia	ND						ND					
Drechslera/Bipolaris-like	ND						ND					
smut, Myxomycete, Periconia	ND						ND					
Stachybotrys/Memnoniella	ND						ND					
Ulocladium	ND						ND					
<b>Total</b>	ND						2	2	27			
hyphal fragments	ND						ND					
pollen	ND						ND					
Debris Rating (DR): 0 = ND; non detect 1 = <5% particulate 2 = 5-25% 3 = 25-75% 4 = 75-90% 5 = >90% Overloaded, UC	Sample Notes:					Sample Notes:						

P= Present, ND = Non Detect, \*E = Estimation performed due to spore load, UC = Uncountable, M/U= Misc./Unidentifiable, Min. Reporting Limit in fs/m<sup>3</sup>

Results Approved By Technical Director:



Natalie Brown

Comments:

A min. of 20% sample trace is counted; for >500fs/sample counting stops after completion of the traverse in which 100fs are reached for that spore; Est. performed for >100 fs/traverse. Deviation from standard: All calculated values reported to nearest whole number. Analysis relates only to samples tested & is based on sampling data provided by the client on a sample Chain of Custody; AMD is not responsible for data supplied by an independent tech. This report shall not be reproduced, except in full & with approval by AMD. QC data is available by request. All reported results relate to samples as received by the laboratory.



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## AIR SAMPLE ANALYSIS

Client:	AMD Environmental Consultants 72 E. Niagara St. Suite 100 Tonawanda, NY 14150	Project No.:	24-0909MN-A	Batch Number:	25M013
Sample Date:	01/21/2025	Project Name:	M 100 N. FOREST	Received:	01/21/2025 10:30 AM
Report Date:	01/21/2025	Job Address:	100 N. Forest Rd.	Analysis Date:	01/21/2025
		City, ST Zip:	Buffalo, NY 14221	Analyst(s):	Natalie Brown
		Work Area:	Basement Class Rooms		

Air Sample Analysis by ASTM Standard Test Method D7391

Lab Sample ID:	25M013-3				25M013-4							
Client Sample ID:	3				4							
Sample Description:	Basement - Office #22				AMB - Basement - Outside Rm #4							
Debris Rating:	1		Volume (L):75		1		Volume (L):75					
Media Brand/Impact Type:	Allergenco		Slit Impactor		Allergenco		Slit Impactor					
Spore Types	Raw Count	fs/ sample	fs/ m <sup>3</sup>	Min. Rep. Lim.	% Counted	E*	Raw Count	fs/ sample	fs/ m <sup>3</sup>	Min. Rep. Lim.	% Counted	E*
Alternaria	ND						ND					
ascospores	ND						ND					
Chaetomium	ND						ND					
Aspergillus/Penicillium-like	ND						26	26	347	13	100%	
basidiospores	ND						1	1	13	13	100%	
Cladosporium	ND						71	71	947	13	100%	
Curvularia	ND						ND					
Drechslera/Bipolaris-like	ND						ND					
smut, Myxomycete, Periconia	ND						ND					
Stachybotrys/Memnoniella	ND						ND					
Ulocladium	ND						ND					
<b>Total</b>	ND						98	98	1,307			
hyphal fragments	ND						9	9	120	13	100%	
pollen	ND						ND					
Debris Rating (DR): 0 - ND; non detect 1 = <5% particulate 2 = 5-25% 3 = 25-75% 4 = 75-90% 5 = >90% Overloaded, UC	Sample Notes:				Sample Notes:							

P= Present, ND = Non Detect, \*E = Estimation performed due to spore load, UC = Uncountable, M/U= Misc./Unidentifiable, Min. Reporting Limit in fs/m<sup>3</sup>

Results Approved By Technical Director:



Natalie Brown

Comments:

A min. of 20% sample trace is counted; for >500fs/sample counting stops after completion of the traverse in which 100fs are reached for that spore; Est. performed for >100 fs/traverse. Deviation from standard: All calculated values reported to nearest whole number. Analysis relates only to samples tested & is based on sampling data provided by the client on a sample Chain of Custody; AMD is not responsible for data supplied by an independent tech. This report shall not be reproduced, except in full & with approval by AMD. QC data is available by request. All reported results relate to samples as received by the laboratory.



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## 1.1.2 Tape Sample Analysis



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## SURFACE SAMPLE ANALYSIS

Client:	AMD Environmental Consultants 72 E. Niagara St. Suite 100 Tonawanda, NY 14150	Project No.:	24-0909MN-A	Batch Number:	25M013
Sample Date:	01/21/2025	Project Name:	M 100 N. FOREST	Received:	01/21/2025 10:30 AM
Report Date:	01/21/2025	Job Address:	100 N. Forest Rd.	Analysis Date:	01/21/2025
		City, ST Zip:	Buffalo, NY 14221	Analyst(s):	Natalie Brown
		Work Area:	Basement Class Rooms		

Surface Sample Analysis by ASTM Standard Test Method D7391 Modified

Lab Sample ID:	25M013-5					25M013-6				
Client Sample ID:	5					6				
Sample Description:	Main Class Room - Cove Base		Spore Load:			Main Class Room - Door Casing	Spore Load:			
Debris Rating:	2 - Poss. Neg. Bias		Countable			1	Countable			
Media Brand/Sample Type:	AMD		Tape			AMD	Tape			
Spore Types	Raw Count	fs/ sample	Min. Rep. Lim.	% Counted	E*	Raw Count	fs/ sample	Min. Rep. Lim.	% Counted	E*
Alternaria	ND					ND				
ascospores	ND					ND				
Chaetomium	ND					ND				
Aspergillus/Penicillium-like	10	10	1	100%		7	7	1	100%	
basidiospores	ND					ND				
Cladosporium	17	17	1	100%		4	4	1	100%	
Curvularia	ND					ND				
Drechslera/Bipolaris-like	ND					ND				
smut, Myxomycete, Periconia	ND					ND				
Stachybotrys/Memnoniella	ND					ND				
Ulocladium	ND					ND				
<b>Total</b>	<b>27</b>	<b>27</b>				<b>11</b>	<b>11</b>			
hyphal fragments	5	5	1	100%		ND				
pollen	ND					ND				
Debris Rating (DR): 0 = ND; non detect 1 = <5% particulate 2 = 5-25% 3 = 25-75% 4 = 75-90% 5 = >90% Overloaded, UC	Sample Notes:					Sample Notes:				

P= Present, ND = Non Detect, \*E = Estimation performed due to spore load, UC = Uncountable, M/U= Misc./Unidentifiable, Min. Reporting Limit in fs/sample

Results Approved By Technical Director:



Natalie Brown

Comments:

Modification: surface samples are rated countable or not, based on DR & spore load; only the presence of spore types and/or growth structures will be reported if uncountable. A min. of 20% sample is counted if countable; for >500fs/sample counting stops after completion of the traverse in which 100fs are reached for that spore; Est. performed for >100 fs/traverse. Deviation from standard: All calculated values reported to nearest whole number. Analysis relates only to samples tested & is based on sampling data provided by the client on a sample Chain of Custody; AMD is not responsible for data supplied by an independent tech. This report shall not be reproduced, except in full & 00909MN-A by AMD. QC data is available by request. All reported results relate to samples as received by the 100 N. Forest Rd., Amherst, NY



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## 1.2 Sample Chain of Custody



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## AIR QUALITY & MOLD SAMPLING CHAIN OF CUSTODY

Revised 02/07/2022 Air Samples Analyzed According to ASTM Method D-7391 | Tape and Bulk Samples Analyzed According to ASTM Method D-7391 (modified)



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## 1.3 Mold Spore Description Chart

## Mold Spore Description Chart

<b>Alternaria</b>	Common allergen causing hay fever or hypersensitivity reactions that sometimes lead to asthma, serious infections are rare, except in people with compromised immune systems. Normal agents from the decomposition of plants.
<b>Arthrinium</b>	No reported infections associated with this fungus. Normally not found indoors.
<b>Ascospores</b>	Very common outdoor spore, associated with rain and moisture.
<b>Aspergillus/ Penicillium-like</b>	Possible allergen. Common cause of respiratory irritation and infection. Found on water damaged wallpaper, carpet and organic materials.
<b>Basidiospores</b>	Possible allergen to sensitive individuals, no known serious health effects associated with this fungus. Mushrooms and dry rot are examples of basidiospore producing fungi.
<b>Bipolaris/ Dreschlera</b>	Allergen that can affect nose, skin, eye and upper respiratory track. Found on grasses, grains and decaying food.
<b>Botrytis</b>	Potential allergen, hay fever and asthma effects. Parasite commonly found growing on indoor plants.
<b>Chaetomium</b>	Not well studied but possible allergen with hay fever and asthma effects. Rare cases of nail infections. Found on a variety of cellulose, paper and plant compost.
<b>Cladosporium</b>	Potential allergen, hay fever and asthma effects. Grows well in damp environments, on textiles and window sills.
<b>Curvularia</b>	Hay fever, asthma and or allergic fungal sinusitis are some of the potential allergens associated with this fungi. Possible human health risk. Has been known to cause onychomycosis, ocular keratitis, sinusitis, mycetoma, pneumonia, endocarditis, cerebral abscess, and disseminated infection.
<b>Epicoccum</b>	Potential allergen, effects are hay fever, asthma and skin allergies. Found in soil, air and rotting vegetation.
<b>Fusarium</b>	Potential allergen, hay fever and asthma effects. Commonly found on fruit rot, requires very wet conditions.
<b>Ganoderma</b>	Commonly found in the atmosphere, grows on wood products. Possible allergen at high concentrations.
<b>Memnoniella</b>	Mycotoxin producing spore related to and often found in conjunction with Stachybotrys.
<b>Nigrospora</b>	Potential allergen, hay fever and asthma effects. Usually not found growing indoors. Found on decaying plant material and soil.
<b>Oidium/Peronospora</b>	Common obligate parasites on leaves, stems, fruits of living higher plants.
<b>Pithomyces</b>	Possible allergen. Grows well on paper indoors, given the right conditions.
<b>Rust</b>	Potential allergen, hay fever and asthma effects. Rarely found growing indoors.
<b>Smut/Myxomycetes/ Periconia</b>	Potential allergen, hay fever and asthma effects. Rarely found growing indoors.
<b>Stachybotrys</b>	Often referred to as "toxic black mold". It has the ability to produce mycotoxins which may cause a burning sensation in the mouth, throat and nasal passages. Chronic exposure has been known to cause headaches, diarrhea, memory loss and brain damage. Found growing on water damaged cellulose, paper and ceiling tiles.
<b>Torula</b>	Potential allergen, hay fever and asthma effects. Found growing on water damaged cellulose, paper, wicker, straw baskets and ceiling tiles.
<b>Ulocladium</b>	Grows well on cellulose containing materials like paper, straw, wallboard. Requires very wet conditions.
<b>Unidentified Spores</b>	NA
<b>Hyphal Fragments</b>	Branched structures with cell walls. Hyphae are somewhat analogous to stems or roots in plants whereas the spores would be analogous to the seeds.
<b>Pollen</b>	Allergen that causes hay fever. Pollen is microscopic round or oval grains produced by plants.



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## 2.0 Site Photographs

<p><b>AMD Environmental Consultants, Inc.</b>  72 E Niagara St. Suite 100  Tonawanda, NY 14150  Office: 716-833-0043 Fax: 716-241-8689  <a href="http://www.amdenvironmental.com">www.amdenvironmental.com</a></p>	<p><b>Appendix I</b></p> <p><b>Site Photographs</b></p>	
	<p><b>Observation:</b>  Overall existing conditions of the interior mold remediation locations as of 01/21/2025.</p>	
	<p><b>Observation:</b>  Overall existing conditions of the interior mold remediation locations as of 01/21/2025.</p>	

<p><b>AMD Environmental Consultants, Inc.</b>  72 E Niagara St. Suite 100  Tonawanda, NY 14150  Office: 716-833-0043 Fax: 716-241-8689  <a href="http://www.amdenvironmental.com">www.amdenvironmental.com</a></p>	<p><b>Appendix I</b></p> <p><b>Site Photographs</b></p>	 <p><b>AMD</b> ENVIRONMENTAL</p>
	<p><b>Observation:</b></p> <p>Overall existing conditions of the interior mold remediation locations as of 01/21/2025.</p>	
	<p><b>Observation:</b></p> <p>Overall existing conditions of the interior mold remediation locations as of 01/21/2025.</p>	

<p><b>AMD Environmental Consultants, Inc.</b>  72 E Niagara St. Suite 100  Tonawanda, NY 14150  Office: 716-833-0043 Fax: 716-241-8689  <a href="http://www.amdenvironmental.com">www.amdenvironmental.com</a></p>	<p><b>Appendix I</b></p> <p><b>Site Photographs</b></p>	
		<p><b>Observation:</b>  Overall existing conditions  of the interior mold  remediation locations as of  01/21/2025.</p>



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### **3.0 Firm Qualifications and Personnel Licenses**



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NEW YORK STATE  
Department  
of Labor

DIVISION OF SAFETY AND HEALTH LICENSE AND CERTIFICATE UNIT, STATE OFFICE CAMPUS, BUILDING 12, ALBANY, NY 12226

## MOLD ASSESSMENT CONTRACTOR LICENSE

AMD Environmental Consultants, Inc.  
72 East Niagara Street  
Suite 100  
Tonawanda, New York 14150

License Number: 24-6Z0QL-SHMO  
Date of Issue: 2024-03-25  
Expiration Date: 2026-03-31

(This license is valid only for the contractor named above)

For the Commissioner of Labor

Amy Phillips, Director Division of  
Safety and Health

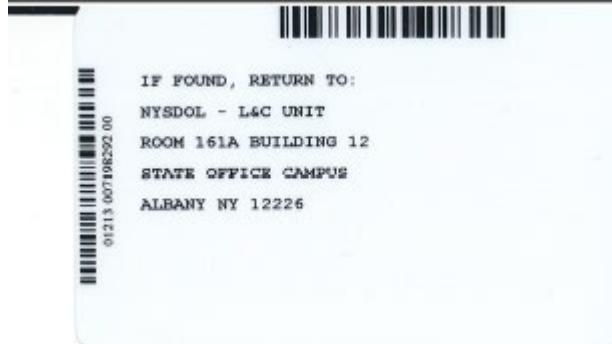
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## 4.0 Lab Qualifications



## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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Tonawanda, NY 14150  
Joylyn Kovatchev Phone: 716 833 0043

### BIOLOGICAL

Valid To: October 31, 2025

Certificate Number: 4299.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on air, surface sampling systems, and bulk samples:

<u>Test</u>	<u>Reference Method</u>
Categorization and Quantification of Airborne Fungal Structures by Optical Microscopy	ASTM D7391
Categorization and Quantification of Surface Fungal Structures by Optical Microscopy	ASTM D7391 (Modified)



## Accredited Laboratory

A2LA has accredited

**AMD ENVIRONMENTAL CONSULTANTS, INC.**  
Tonawanda, NY

for technical competence in the field of

**Biological Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

Presented this 2<sup>nd</sup> day of November 2023.

A handwritten signature in blue ink, appearing to read 'John Doe', is placed over a horizontal line.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4299.01  
Valid to October 31, 2025



For the tests to which this accreditation applies, please refer to the laboratory's Biological Scope of Accreditation.  
100 N. Forest Rd., Amherst, NY