

**CERTIFICATION OF WORK
SERVICE CALL**

(To be completed by the Contractor and saved in the Contractor's CMMS)

FACID/Building: _____ Date of Visit: _____

Contractor Personnel on Site:

- | | |
|----------|----------|
| 1. _____ | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ | 6. _____ |

Service Call Number

FEMS# _____ WO# _____

Description of Repairs

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: _____ Date: _____

Signed: _____

To be signed by Facility Manager:

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the contractor was on-site during the identified timeline:

Print Name/Rank: _____ Date: _____

Signed: _____

E-Mail: _____

Microbial Assessment & Mitigation Recommendations

Project ID: 25-0327MN-A

Project Location:

United States Army Reserve Center
DCSA Office Room #14
100 North Forest Road
Amherst, NY 14221

Conditions as of: March 27th, 2025

Prepared For:

Attn: Julie Pape
Project Coordinator
Tidewater, Inc.
6625 Selnick Drive, Ste A
Elkridge, MD 21075

Prepared by:



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April 2nd, 2025

Julie Pape
Project Coordinator
Tidewater, Inc.
6625 Selnick Drive, Ste A
Elkridge, MD 21075

**Re: Microbial Assessment & Mitigation Recommendations
Amherst United States Army Reserve Center
100 North Forest Road - DCSA Office Room 14
Amherst, NY 14221
Project ID: 25-0327MN-A**

Ms. Pape;

I am pleased to present this summary of mold assessment services and mitigation recommendations 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."

Mark Newman conducted mold investigation sampling activities on March 27th, 2025. A total of two (2) tape samples and three (3) air samples were collected and analyzed at AmeriSci Biochem located at 13635 Genito Road, Midlothian, VA. 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 (cfu³) 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.

Air sampling analysis did detect elevated levels of common allergenic mold spore concentrations for DSCA Office Room #14 and the adjacent common Hallway when compared to the exterior ambient sample. A tape sample collected from visibly affected surfaces detected concentrations of allergenic mold spores consistent with the elevations in the surrounding air samples.

It is required that mold mitigation in the affected area be performed by a certified mold mitigation contractor with post mitigation clearance sampling to ensure work has been completed effectively and that spore concentration are at acceptable levels.

Please see the sample summary and recommendations sections for further details.

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

Sincerely,

Mark S. Newman
Mold/IAQ Department Manager
NYSDOL Mold Inspector Cert# 25-60187-SHMO
AMD Environmental Consultants, Inc.

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1.0 Introduction

AMD Environmental Consultants, Inc. was retained by the US Army Reserve Center to conduct a microbial assessment of the DSCA Office Room #14 at the property located at 100 North Forest Road in Amherst, NY.

1.1 Purpose

The microbial assessment was conducted to determine the presence and extent of microbial growth at the property, and to identify unusual moisture conditions. The assessment provides the basis for the recommended remediation techniques necessary, and the personal protective equipment required for the contractor performing the mitigation.

1.2 Investigation

NYS Licensed mold assessor, Mark Newman conducted the assessment on March 27th, 2025. The observations, conclusions and recommendations contained in this report are based on information obtained during the on-site mold assessment, which included:

- ✓ Occupants or Property Representative Interviews, where applicable
- ✓ Visual Observations
- ✓ Moisture Survey
- ✓ Measurements of Temperature and Relative Humidity
- ✓ Collection of representative air and/or direct tape samples
- ✓ Analysis of samples taken on site

1.3 Executive Summary

Spore Trap Air Sample Summary					
Sample ID	Sample Location	Sample Description	Sample Result (fs/m ³)	Spore Level	High Risk Mold?
01	Room 114 (affected area)	Air Sample	5119	Elevated	No
02	Adjacent Common Hallway	Air Sample	3306	Elevated	No
03	Exterior	Air Sample	266	Elevated	No

- Air sampling quantifies mold concentrations of airborne spores in colony forming units per cubic meter (cfu/m³) and identifies if any high risk mold types are present, (ex. toxigenic, pathogenic, allergenic).
“Low” represents less than exterior levels and “Elevated” represents greater than 10 times the exterior levels.

Direct Tape Sample Summary					
Sample ID	Sample Location	Sample Description	Sample Result (fs/sample)	Spore Level	High Risk Mold?
04	Room 14	Wall	Heavy	>200 Spores	No
05	Room 14	Cove Base	Heavy	>200 Spores	No

- Estimated amounts: Rare: 1-10 spores; Light: 11-100 spores; Moderate: 101-200 spores; Heavy: 200+ spores.



2.0 Microbial Assessment

2.1 Property Description

The structure is a large multi-story educational and office facility built of concrete and steel construction with a flat roof. The exterior walls are brick and the foundation is poured concrete. The inspection was limited to a basement level classroom area. The primary wall coverings are drywall, the ceiling is suspended metal grid with acoustic ceiling tiles and the floor is 12" x 12" VTC tile over concrete.

2.2 Interview

The property representative reported the following regarding the assessment:

- General concern over visible microbial growth on surfaces within the classroom area.

2.3 Observations

A visual assessment of the residence was conducted to determine the extent of microbial growth and unusual moisture conditions. Site photographs of significant observations are included in Appendix II to this report. The assessor made the following observations during the site visit:

Microbial Assessment Significant Observations				
Room	Specific Location	Observation	Affected Area (SF)	Substrate Moisture
DCSA Office -Room #14	-Walls -Floors -Furniture	<ul style="list-style-type: none">- Visible suspect microbial growth on surfaces throughout confirmed by tape lift sample and analysis.- Moderate to heavy debris/dust load on surfaces.- Representative moisture meter testing confirmed dry substrate on the day of the inspection.- The impact to surfaces appears due to periodic elevations in relative humidity along with a moderate debris/dust load on surfaces.	500 SF	Dry



2.4 Methodology

2.4.1 Moisture Measurements

Moisture measurements were obtained using a moisture meter. Measurements are obtained invasively, by inserting the pins of the meter into the material being tested or non-invasively, by placement of the flat surface of the meter onto the material being tested. For wood, when used in the invasive mode, the moisture percentage is expressed as percent moisture content (%MC); for other materials the measurement is expressed as percent moisture equivalent (%WME). Generally, %MC or %WME measurements of less than 17% are considered to be “dry”; measurements between 17 and 20% are considered to be “at risk” for moisture damage; measurements of 20% or greater are considered to be “wet”. When the meter is used in the non-invasive mode the moisture content is expressed as relative measurement in accordance with the above scale.

2.4.2 Spore Trap Air Sampling

The purpose of the spore trap air sampling is to provide an approximation of the airborne microbial (fungal) spore concentration on the interior and exterior of the building. Elevated airborne spore concentrations may indicate an indoor microbial reservoir, or that cleaning of personal effects or the HVAC system is a necessary component of a microbial remediation plan. Spore trap samples are collected by using a Zefon Bio-Pump® Plusto draw a known volume of air through an Air-O-Cell® sampling cassette. Particulate laden air is accelerated as it is drawn through the cassettes tapered inlet slit and directed towards a small slide containing the collection media, where the particles become impacted, and the air flow continues out the exit orifice. The samples are collected at a flow rate of 15liters per minute for 2-10 minutes, generating an average sample volume of 30-150liters. A chain of custody form is completed, documenting pertinent project and sample details. At the completion of the sampling period, the cassettes are sealed, labelled and delivered, along with the chain of custody, to the laboratory for analysis.

2.4.3 Direct Tape Sampling

The tape lift sampling provides a rapid and simple technique for removing particles from a surface to identify the type and concentration of microbial spores present on materials identified to have visible suspect mold growth. The sampling results are also used for reference for source contamination when air samples are taken. Direct samples are collected by using a tape lift sample kit, consisting of a glass slide, plastic protective case and a piece of tape; the backing is peeled off of the tape and the designated square is pressed against the desired sample surface, in direct contact with the suspect microbial growth, and then placed adhesive side down onto the slide. The chain of custody form is completed, documenting pertinent project and sample details; the case is closed, labelled and delivered, along with the chain of custody, to the laboratory for analysis.

3.0 Recommendations

3.1 Moisture Management: Relative humidity in excess of 60% and lack of air flow for extended periods of time is conducive to mold growth on all surfaces that carry a debris/dust load or are in a soiled condition.

3.2 Microbial Mitigation Recommendations

Sample Summary: Air sampling analysis did detect elevated levels of common allergenic mold spore concentrations for room 14 and the adjacent common Hallway when compared to the exterior ambient sample. A tape sample collected from visibly affected surfaces detected concentrations of allergenic mold spores consistent with the elevations in the surrounding air samples.

Mold mitigation is required for all affected areas exhibiting growth or staining. Microbial treatment should consist of specialized cleaning of all affected surfaces showing visible growth and staining with an anti-microbial detergent and seal with an anti-microbial barrier as well as HEPA vacuuming. Mold mitigation should be performed by a certified mold contractor with air scrubbing units employed during mitigation work.

DSCA Office Room 14:

- **Surface mitigation** to all affected areas to include walls, baseboards, doors, floors, attachments, furniture, and stored items **per section 4.4 and 4.5 of the “Microbial Mitigation Work Scope”** included with this report.
Affected Area 500 SF

Asbestos Note: Friable and non-friable materials should be tested for asbestos content prior to mitigation services to ensure no asbestos fibers are disturbed in the process of mold remediation. Friable and non-friable materials include but are not limited to: Plaster, Adhesives, Drywall, Joint Compound, Textured Paint, Floor Tiles, Attic/Wall Insulation. More information regarding asbestos can be found at the site listed on the references page.

Quantities of affected area are based on the field assessment and limited subsurface investigation. If additional mold impacted surfaces are encountered by contractors during mitigation, the assessor should be notified to verify and amend this report to reflect increased quantities, and contractors should address surfaces as previously prescribed in this report.

Post mitigation clearance sampling is required to ensure work has been completed effectively and that spore concentration are at acceptable levels.

See microbial mitigation work scope for specific procedures.

3.3 Projected Costs

The estimated cost per NYS DOL Article 32, for this mitigation project is: \$4,000.00 – \$4,500.00

Cost projection and quantities presented herein are estimates only and are subject to bidder verification prior to bidding. Cost adjustments will not be made for quantities exceeding those provided herein.

4.0 Microbial Mitigation Work Scope

4.1 Scope of Mitigation:

Non-porous materials, porous, materials with minimal fungal growth and the remaining building materials in the work areas should be cleaned, disinfected, and cleared before being sealed with a fungicide/virulcide. All walls affected by water damage are to be removed under full containment with 6 mil poly from floor to ceiling deck under negative pressure. Exit doors to the exterior will require sealing with poly critical to avoid cross contamination. All surfaces should be cleaned and dried before antimicrobial surface sealants are applied. The preferred remediation product for cleaning and disinfecting is a fungicide/virulcide disinfectant and sealant. The product chosen should be used following the manufacturer's specification. The contractor is advised that all areas with visible staining and fungal accumulation require disinfecting and cleaning using an approved fungicide. *Once area is determined to be dry a fungal inhibitor is recommended to be applied on the remaining surfaces.*

4.2 Personal Protective Equipment (PPE):

The contractor is required to bring on-site equipment that has been disinfected since the previous project. All personal entering the work are required to provide documentation of training to the potential hazards associated with exposure to microorganisms. Only personnel trained in the handling of mold contaminated materials will accomplish remediation work. Personnel will be equipped with ½ face negative pressure respirators with Organic Vapors/P100 cartridge. All respirator users must be medically qualified, trained and fit tested per OSHA Respiratory Protection Standard (29 CFR 1910.134). Goggles/eye protection, gloves, and disposable chemical protective coveralls and foot coverings are required to be worn during remediation activities. Headgear is also required during certain applications (crawl space work, etc.). PPE shall be required until clearance is achieved. Additional PPE may be required during use of the Biocide/Fungicides. The contractor must refer to the MSDS sheets for specific PPE Guidance.

Full body disposable protective clothing, including head, body, and foot covering (unless using footwear as described below) consisting of material impenetrable by mold spores (Tyvek or equivalent) shall be provided to and used by all workers and authorized visitors in sizes adequate to accommodate movement without tearing. Provide a sufficient number for all required changes, for all workers and authorized visitors in the work area. Respiratory protection shall be provided and used.

Additional safety equipment (e.g., hard hats meeting the requirements of ANSI Standard Z89.1-1981, eye protection meeting the requirements of ANSI Standard Z87.1-1979, safety shoes meeting the requirements of ANSI Standard Z41.1-1967, disposable PVC gloves or other work gloves), shall be provided to all workers and authorized visitors.

Non-skid footwear shall be provided to all workers. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.

4.3 Work Areas and Containment:

Work areas during mitigation with visibly contaminated materials and or debris will be isolated from occupied spaces without contamination using double layers of fire-retardant 6-mil polyethylene sheeting and sealed with duct tape. A single layer chamber airlock will be constructed at each entrance to work areas. Airlocks shall be constructed of rigid framing and covered in 6 mil fire retardant polyethylene sheeting. A triple sheet, weighted, curtained doorway shall be constructed at either end of the airlock. The airlock shall be sized appropriate to accommodate cleaning, bagging, wrapping, decontamination and other remediation activities. The entrance to each airlock will have warning signs posted to inform those entering of potential hazards associated with exposure.

A HEPA filter exhaust fan that exhausts to the outside of the building should be used to generate negative pressure. All workers should use an airlock and decontamination room to enter and exit the work area. The decontamination unit shall consist of a decontamination entrance and waste out. HEPA negative pressure will be maintained at >2 air exchanges/hour during the remediation and continue at least 24 hours after the completion of the remediation work. Mitigation areas should be isolated and contained.

The work areas shall be completely isolated from other parts of the building so as to prevent mold spore containing dust or debris from migrating beyond the isolated area. Should the area beyond the work area become contaminated with mold-containing dust or debris as a consequence of the work, the Contractor shall immediately notify the Owner and shall be responsible for cleaning, on a daily basis, those areas in accordance with the procedures indicated in paragraphs below. All costs incurred in cleaning, or otherwise decontaminating, non-work areas and the contents thereof shall be borne by the Contractor including, but not limited to air monitoring, project monitoring, Owner labor, consulting service costs and fees. These areas shall be vacated and remain isolated until satisfactory clearance air monitoring results have been achieved.

Signs: Caution signs shall be posted at all locations and approaches to the work area. Signs shall be posted that permit a person to read the sign and take the necessary protective measures to avoid exposure.

Utilities: The Contractor will be responsible to provide utilities to the work area. Connection to existing building utilities and services will require written approval of the Owner. All internal building utility connections will be in compliance with NEC, state and local building codes.

Electric Power: The Contractor shall shut down and lock out electric power to all work areas. The Contractor shall provide temporary power and lighting, and ensure safe installation of temporary power sources and equipment used where high humidity and/or water shall be sprayed in accordance with all applicable codes. All power to work areas shall be brought in through a ground-fault interrupter at the source.

Movable Objects: Movable objects within the work area shall be pre-cleaned using HEPA filtered vacuum equipment and/or wet cleaning and such objects shall be removed from the work area to an uncontaminated location. If disposed of as mold contaminated or microbial compromised material, cleaning is not required. The Owner shall determine which method is to be utilized.

Isolation Barriers: General Isolation barriers that seal off all openings, including but not limited to windows, doorways, skylights, ducts, grilles, diffusers, and any other penetrations of the area shall be constructed using two layers of a minimum of six mil plastic sheeting sealed with tape. Also, all seams in the system components that pass through the work area shall be sealed. Doorways which shall not be used for passage during work shall also be sealed.

Exits: Emergency and fire exits from the work area shall be maintained or alternate exits shall be established according to all applicable codes.

Toilet Facilities: Adequate toilet facilities shall be provided.

4.4 Cleaning and Contaminant Removal:

The preferred remediation product is a fungicide disinfectant/sealant. The product approved should be used following the manufacturer's specification. The contractor is advised that all areas with visible staining and fungal accumulation require disinfecting and cleaning using an approved fungicide. All visible accumulations of mold-impacted materials, debris, waste containers, tools, and unnecessary equipment shall be removed from the work area. Reusable tools and equipment shall be cleaned and disinfected prior to removal from work area.

Contaminated materials should be bagged in 6-mil polyethylene or wrapped in two layers of 6-mil polyethylene and sealed with duct tape; protective poly shall be folded in on itself, rolled up, and placed in 6-mil disposal bags. The bags' exterior shall be wiped down with biocide and vacuumed-off. Prior to off-site disposal, contaminant bags shall be kept in an area of controlled access. No waste shall be stored outside the work area or designated dumpster. The waste shall be locked at the end of each work day. Contaminants shall be disposed in accordance with federal, state, city, and municipal guideline. Clean and disinfect visibly contaminated work area surfaces using materials specified. Work area and surrounding surfaces with mold debris shall be HEPA vacuumed and cleaned with a damp (not wet) cloth and/or mop and detergent solution. Following this cleaning procedure, the area shall be thoroughly dried.



Note: Cleaning and sealing treatments must be performed with an EPA registered fungicide/ fungistat. I.e. Anabec, Fosters, Fiberlock. Product to be used must have prior approval by consultant.

4.5 Material Reference Table:

The following table summarizes the clean-up methods by type of material:

<i>Affected Material</i>	<i>Clean-up Methods*</i>
Concrete or Cinder block	b or c
Hard surface, tile, vinyl, linoleum	a or c
Plastics & Metals	a or c
Gypsum	b or c
Wood	b or c

- a) Hard Surface salvageable building materials with surface fungal contamination
 - 1) All hard surfaces should be scrubbed with non-metallic scrub brushes.
 - 2) After cleaning is complete, surfaces will be sealed with a fungicidal coating.
 - 3) Remediation is complete when clearance requirements are achieved.
- b) Porous salvageable building materials with surface fungal contamination
 - 1) All wood components should be treated with a fungicide / biocide using disposable cloths and non-metallic brushes.
 - 2) After first clean, entire area should be HEPA vacuumed and wiped down again with disposable cloths and a disinfectant solution.
 - 3) Negative pressure in work area should be maintained throughout entire process.
 - 4) After allowing clean surface to dry all areas treated should then be checked for moisture content. When the moisture content of the substrate is below 18% a fungal inhibitor coating/fungi stat should be applied per the manufacturer's recommendations.
 - 5) Remediation is complete when clearance requirements are achieved
- c) Non-salvageable building materials
 - 1) Materials will be removed and disposed per the Contamination Disposal section of this report.
 - 2) This includes non-salvageable wood decking and insulation.

4.6 Post Remedial Clearance:

Visual inspection and surface sampling techniques will be implemented. Bulk samples are to be collected after all of the affected areas are remediated. Non-viable air samples will be taken for comparison of type and concentration to baseline/control samples.

Cleaning may be discontinued when no visible debris is present, and upon completion and verification of proper cleaning and disinfecting of interior surfaces.

CLEARANCE CRITERIA

Visual Inspection:

Daily Visual Inspection: The Owner's Representative shall perform a visual inspection of the work area at the end of remediation activities.

After removal and cleaning is complete and the area dry, the Owner's Representative shall perform a complete visual inspection of the entire immediate work area. The Contractor's supervisor shall accompany the Owner's Representative on the final visual inspection. Inspection shall include: all interior surfaces, decontamination unit, all plastic sheeting, seals over ventilation openings, doorways, windows, and other openings. If any debris, residue, dust or other visible mold is found, cleaning shall be performed until all residue is removed. When the area is visually clean, both the Owner's Representative and the Contractor's Representative shall complete the certification at the end of this section for the work area.

Clearance Sampling

The concentration of fungal spores in the clearance sampling shall not be significantly greater (i.e., order of magnitude) than baseline concentrations and shall be comparable to pre-abatement concentrations.

Certificate of Visual Inspection

Following this section is a "Certificate of Visual Inspection". This certification is to be completed by the Contractor and certified by the Owner's Representative for the work area. Submit completed Certificate with Application for Final Payment. Final payment will not be made until this Certification is executed.

4.6.1 Clearance Requirements:

- a) All work areas subject to visual inspection prior to sampling to determine if all identified contamination has been removed and or treated and there is no visible accumulation of dust or debris.
- b) Effective mold remediation involves reducing inside mold levels to less than or equal to typical background with no visible active sources of mold.
- c) Follow-up assessment and sampling is recommended within the first six months upon completion of the mold mitigation to verify that mitigation techniques were effective.

4.7 Waste Disposal and Equipment Load Out:

Packaging Waste:

All waste, including removed droppings and debris, containment poly, critical barrier materials, suits, respirator filters, vacuum HEPA filters, water filters, and other potentially contaminated items shall be properly packaged for disposal.

Use 6-mil plastic bags with 'goose-neck' seal, or other impermeable containers. Wrap large or irregular items in 6-mil poly sheeting and seal with tape.

Sharp, jagged, or other items that may puncture poly shall be packaged in rigid impermeable containers such as drums or boxes, or wrapped in burlap or other protective covering before sealing in bags or poly sheeting.

Removing Items From Work Area:

Packaged waste shall be inspected for visible signs of mold contamination and HEPA-vacuumed if found before removing from the work area.

Storage of wrapped waste shall be in a dumpster or other suitable container that can be secured.

Shipment of items From Project:

Wastes and debris may be disposed as solid waste.

Decontaminated tools and equipment may be shipped by normal carrier to warehouse, another jobsite, or other destination.

Packaged/wrapped wastes shall be disposed of only in landfills approved and permitted by the New York State Department of Environmental Conservation for accepting solid waste.



5.0 Industry Guidance

5.1 Mold Spore Description Chart

Alternaria	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.
Arthrinium	No reported infections associated with this fungus. Normally not found indoors.
Ascospores	Very common outdoor spore, associated with rain and moisture.
Aspergillus/ Penicillium-like	Possible allergen. Common cause of respiratory irritation and infection. Found on water damaged wallpaper, carpet and organic materials.
Basidiospores	Possible allergen to sensitive individuals, no known serious health effects associated with this fungus. Mushrooms and dry rot are examples of basidiospore producing fungi.
Bipolaris/ Dreschlera	Allergen that can affect nose, skin, eye and upper respiratory track. Found on grasses, grains and decaying food.
Botrytis	Potential allergen, hay fever and asthma effects. Parasite commonly found growing on indoor plants.
Chaetomium	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.
Cladosporium	Potential allergen, hay fever and asthma effects. Grows well in damp environments, on textiles and window sills.
Curvularia	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.
Epicoccum	Potential allergen, effects are hay fever, asthma and skin allergies. Found in soil, air and rotting vegetation.
Fusarium	Potential allergen, hay fever and asthma effects. Commonly found on fruit rot, requires very wet conditions.
Ganoderma	Commonly found in the atmosphere, grows on wood products. Possible allergen at high concentrations.
Memnoniella	Mycotoxin producing spore related to and often found in conjunction with Stachybotrys.
Nigrospora	Potential allergen, hay fever and asthma effects. Usually not found growing indoors. Found on decaying plant material and soil.
Oidium/Peronospora	Common obligate parasites on leaves, stems, fruits of living higher plants.
Pithomyces	Possible allergen. Grows well on paper indoors given the right conditions.
Rust	Potential allergen, hay fever and asthma effects. Rarely found growing indoors.
Smut/Myxomyces /Periconia	Potential allergen, hay fever and asthma effects. Rarely found growing indoors.
Stachybotrys	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, diarrhoea, memory loss and brain damage. Found growing on water damaged cellulose, paper and ceiling tiles.
Torula	Potential allergen, hay fever and asthma effects. Found growing on water damaged cellulose, paper, wicker, straw baskets and ceiling tiles.
Ulocladium	Grows well on cellulose containing materials like paper, straw, wallboard. Requires very wet conditions.
Unidentified Spores	NA
Hyphal Fragments	Branched structures with cell walls. Hyphae are somewhat analogous to stems or roots in plants whereas the spores would be analogous to the seeds.
Pollen	Allergen that causes hay fever. Pollen is microscopic round or oval grains produced by plants.

5.2 References

1. NYS DOL Article 32. Titles 1 and 2.
https://labor.ny.gov/workerprotection/safetyhealth/mold/pdf/Chapter_Amendment.pdf
2. Guidelines on Assessment and Remediation of Fungi in Indoor Environments, New York City Department of Health and Mental Hygiene.
<https://www1.nyc.gov/assets/doh/downloads/pdf/epi/epi-mold-guidelines.pdf>
3. Facts about Mold, New York City Department of Health
<https://www1.nyc.gov/site/doh/health/health-topics/mold.page>
4. Mold Resources, United States Environment Protection Agency
<https://www.epa.gov/mold>
5. Mold in My Home, What do I do? California Department of Health Services
<http://www.asbestos.org/mold>
6. ANSI/IICRC S500 Water Damage Restoration- Standard and Reference Guide for Professional Water Damage Restoration
<http://sandiegofloodrestoration.com/s500/>
7. Mold Remediation Guidelines
<https://www.wbdg.org/resources/mold-remediation-guidelines>
8. Mold Remediation in Schools and Commercial Buildings, US EPA
<https://www.epa.gov/mold>
9. Mold, Centers for Disease Control and Prevention
<http://www.cdc.gov/mold/>
10. Asbestos
<https://www.epa.gov/asbestos/learn-about-asbestos#find>

6.0 Limitations

The protocols mentioned in the aforementioned industry guidance incorporate the current best practices that have been effectively utilized in related environmental sampling disciplines. Where conflicts exist between industry practices and guidelines and the recommendations contained herein, the contractor's professional judgment should dictate the appropriate course of action.

AMD Environmental Consultants, Inc. assumes no liability or warranty on the use of or interpretation of data provided within this report. Responsibility lies solely on the client for the use and interpretation of the results provided herein. Results of the analysis cannot be interpreted without physical inspection of the area tested or without consideration for the structure's characteristics.

The visual inspection is limited to readily accessible areas only. We do not remove floor and wall coverings or move furniture, open walls or perform any type of destructive inspection unless the client has signed a waiver. Certain structural areas are considered inaccessible and impractical to inspect, including but not limited to: the interiors of walls and inaccessible area below; area beneath wood floors over concrete; areas concealed by floor coverings; and areas to which there is no access without defacing or tearing out lumber, masonry, roofing or finished workmanships; structures; portions of the attic concealed or made inaccessible by insulation, belongings, equipment or ducting; portions of the sub area concealed or made inaccessible by ducting or insulation; enclosed bay windows; portions of the interior made inaccessible by furnishings; areas where locks prevented access; areas concealed by appliances; areas concealed by stored materials; and areas concealed by heavy vegetation. Note: there is no economically practical method to make these areas accessible. However, they may be subject to attack by microbial organisms. No opinion is rendered concerning the conditions in these aforementioned or other inaccessible areas. Our findings and conclusions must be considered probability base upon professional judgment concerning the significance of the limited data gathered during the course of the investigation. You understand and agree that any claims or complaints arising out of or related to any alleged act or omission in connection with the inspection shall be reported to use, in writing within ten (10) business days of discovery. Unless there is an emergency condition, you agree to allow us a reasonable period of time to investigate the claims or complaints by, among, other things, re-inspection before you, or anyone acting on your behalf, repairs, replaces or alters or modified the system or component that is the subject matter of the claim. You understand and agree that any failure to timely notify us and allow adequate time to investigate as stated shall constitute a complete bar and waiver of any and all claims you may have against us related to the alleged act or omission unless otherwise prohibited by law. Any dispute arising from the inspection and or report (unless based on payment of fee) shall be resolved by binding, non-appealable arbitration conducted in accordance with the rules of the American Arbitration Association except that the parties shall mutually agree on an Arbitrator who is familiar with the home inspection industry. Any legal action arising from the Inspection and or Report including (but not limited to) the arbitration proceedings, must be commenced within one (1) year from the date of the report. Failure to bring such an action within the time period shall be a complete bar to any such action and a full and complete waiver of any rights or claims based thereon. This time limitation period may be shorter than provided by state law. It is understood that we and the lab are not insurers and, that the inspection and report to be provided under this indemnification shall not be construed as a guarantee or warranty of the adequacy, performance or condition of any structure, item, or system at the subject property. You hereby release and exempt us, the lab and our respective agent and employees of and from all liability and responsibility for the cost of repairing or replacing property damage or personal injury of any nature. In the event that we, the lab or our respective agents or employees are found liable due to breach of contract, breach of warranty negligent misrepresentation, negligent hiring or any other theory of liability, then the cumulative aggregate totally liability of us, the lab and our respective agents or employees shall be limited to a sum equal to the amount of the fee paid by you for the inspection and report. You understand that the inspection is being performed and the report is being prepared for your sole confidential and exclusive benefit and use. The report, or any portion thereof is not intended to benefit any person, not a party to this indemnification, including but not limited to, the seller or the real estate agent(s) involved in the real estate transaction ("third party"). If you directly or indirectly allow or cause the report or any portion thereof to be disclosed or distributed to any third party, you agree to indemnify, defend and hold us harmless for any claims or action based on the inspection or the report brought by the third party. We do not warrant that the assessment requested would satisfy the dictates of, or provide a legal defense in connection with, environmental laws or regulations.



AMD Environmental Consultants, Inc.
72 E Niagara St. Suite 100
Tonawanda, NY 14150
Office: 716-833-0043
Fax: 716-241-8689
www.amdenvironmental.com

Appendix I. Site Photographs

AMD Environmental Consultants, Inc.
72 E Niagara St. Suite 100
Tonawanda, NY 14150
Office: 716-833-0043 Fax: 716-241-8689
www.amdenvironmental.com

Appendix I

Site Photographs

**Location:**

DCSA Office
-Room #14

Observation:

-Visible suspect microbial growth in a spotting pattern on all surfaces below suspended ceiling.

**Location:**

DCSA Office
-Room #14

Observation:

-Representative surface tape lift sample from drywall confirms microbial growth.

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Appendix I

Site Photographs

**Location:**

DCSA Office
-Room #14

Observation:

-Representative surface
tape lift sample from rubber
cove base confirms
microbial growth.

-Moderate debris load and
soiled condition at floor and
lower walls.

**Location:**

DCSA Office
-Room #14

Observation:

-Light to moderate debris
load on horizontal surfaces
throughout.

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Appendix I

Site Photographs

**Location:**

DCSA Office
-Room #14

Observation:

-Representative air sample #1 collected from the affected area confirms elevations in mold spore concentrations.

**Location:**

DCSA Office
-Room #14

Observation:

-Relative Humidity (R/H) was within an acceptable range on the day of the inspection at 46%.



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Appendix IIa. Air Sample Analysis

**AmeriSci Bio-Chem**

13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

Job # 325031133

FINAL REPORT

Client: AMD Environmental Consultants, Inc.

Address: 72 East Niagara St
STE 100
Tonawanda, NY 14150

Client Job #: 25-0327MNA
Client Job Name: 100 N Forest, Amherst, NY 14221

Date Received: 3/28/2025**Date Reported:** 3/28/2025**Air Cassette Analytical Report (SOP # 3.24.01)**

AmeriSci Sample #	325031133-01			325031133-02			325031133-03					
Client Sample #*	1			2			3					
Sample Name*	Room 114			Common Hall			Exterior					
Analysis Date	3/28/2025			3/28/2025			3/28/2025					
Volume (L)*	75			75			75					
Limit of Detection (LOD) (Count/M³)	53.3			53.3			53.3					
Background Density	3			3			2					
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count			
Pollen	53	n/a	1	ND	n/a	ND	ND	n/a	ND			
Fibers	533	n/a	10	427	n/a	8	53	n/a	1			
Mycelial Fragments	53	n/a	1	107	n/a	2	ND	n/a	ND			
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count			
Aspergillus/Penicillium	53	1	1	ND			53	20	1			
Basidiospores	53	1	1	53	2	1	53	20	1			
Cladosporium sp.	5013	98	94	3200	97	60	107	40	2			
Myxomycetes	ND			ND			53	20	1			
Pithomyces sp.	ND			53	2	1	ND					
Total Fungal Spores	5119	100	96	3306	100	62	266	100	5			

Notes: Analyzed at AmeriSci Bio-Chem using Olympus, model BH2 microscope, serial #225840. Results relate only to customer supplied items and are reported mathematically to significant figures. ND = None detected.

* Customer supplied data. AmeriSci assumes no responsibility for these items.

Analyzed by: Justin B. Liverman
Date: 3/28/2025
25-0327MN-A

Reviewed by: Justin B. Liverman
Date: 3/28/2025



AMD Environmental Consultants, Inc.
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Tonawanda, NY 14150
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Appendix IIb. Tape Sample Analysis

**AmeriSci Bio-Chem**

13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

Job # 325031133

FINAL REPORT

Client: AMD Environmental Consultants, Inc.

Address: 72 East Niagara St
STE 100
Tonawanda, NY 14150

Client Job #: 25-0327MNA
Client Job Name: 100 N Forest, Amherst, NY 14221

Date Received: 3/28/2025
Date Reported: 3/28/2025

Direct Fungal Identification (SOP # 3.21.01)

AmeriSci Sample #: 325031133-04		
Client Sample #: 4*	Description: Room 114 - Wall*	Analysis Date: 3/28/2025
Fungal Identification	Estimated Amount	
Cladosporium sp.	Heavy	
Hyphae	Moderate	
AmeriSci Sample #: 325031133-05		
Client Sample #: 5*	Description: Room 114 - Cove Base*	Analysis Date: 3/28/2025
Fungal Identification	Estimated Amount	
Cladosporium sp.	Heavy	
Hyphae	Moderate	

Notes: Analyzed at AmeriSci Bio-Chem using Olympus, model BH2 microscope, serial #225840. Minimum reporting limit is no fungi detected. Results relate only to customer items tested.

* Customer supplied data. AmeriSci assumes no responsibility for these items.

Estimated amounts: **Rare:** 1-10 spores; **Light:** 11-100 spores; **Moderate:** 101-200 spores; **Heavy:** 200+ spores.

Analyzed by: Justin B. Liverman
Date: 3/28/2025

Reviewed by: Justin B. Liverman
Date: 3/28/2025



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Appendix III. Sample Chain of Custody



AMD Environmental Consultants, Inc.

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Tonawanda, NY 14150

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Appendix IV. Firm Certifications



AMD
ENVIRONMENTAL

AMD Environmental Consultants, Inc.
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WE ARE YOUR DOL

 **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: 24-6ZOQL-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

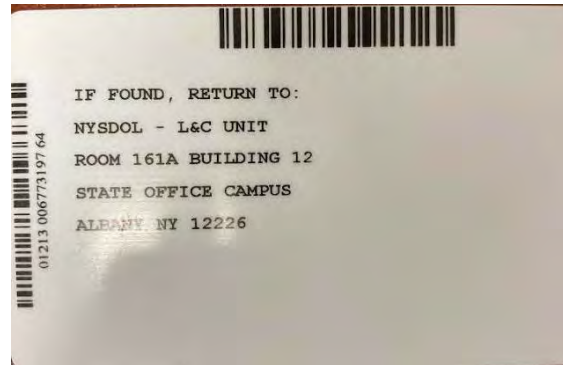
EXCELSIOR





AMD
ENVIRONMENTAL

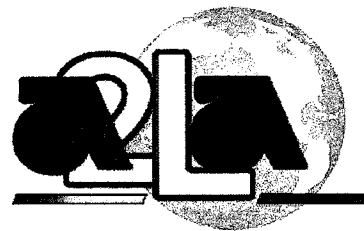
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Appendix V. Laboratory Certifications



Accredited Laboratory

A2LA has accredited

AMERISCI BIOCHEM

Midlothian, VA

for technical competence in the field of

Biological Testing

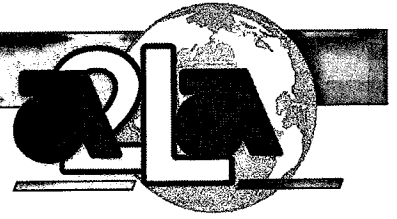
This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality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



Presented this 19th day of February 2025.

A handwritten signature in black ink, appearing to read "Trace McInturff".

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 6634.01
Valid to January 31, 2027



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AMERISCI BIOCHEM
13635 Genito Road
Midlothian, VA 23112
Justin Liverman Phone: 804-763-1200

BIOLOGICAL

Valid To: January 31, 2027

Certificate Number: 6634.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on non-viable environmental microorganisms/mold spores:

<u>Test</u>	<u>Test Method</u>
Analysis of Air Cassettes	SOP 03.24.01
Direct Fungal Identification From Tape Lift or Bulk Samples	SOP 03.21.01