



Mold Inspection Report

Saturday, September 14, 2024

Norman Public Library - Central
103 West Acres Street
Norman, OK 73069

Inspector: Antonio Jaimes

Introduction:

On Thursday, September 5, 2024, a thorough mold investigation and testing were conducted at the Central Norman Public Library, located at 103 West Acres Street, Norman, OK 73069. The process included a visual inspection of the property's common areas, air quality assessments in selected common areas, and evaluations of areas with potential or visible microbial growth. Our testing protocol utilized spore trap samples for air quality tests, with a control sample (spore trap) collected from the outdoor environment. All six samples were sent to the laboratory on the same day. This report summarizes our inspection observations, test results, and general recommendations.

1. Visual Inspection:

A visual examination of the property's areas of concern was conducted. The inspection team utilized tools such as flashlights and UV lights and relied on their sense of smell to detect any unusual odors. They also measured the humidity and temperature in various parts of the building. This comprehensive approach ensured a thorough assessment of the property's condition, resulting in a more accurate and detailed report of the findings. The results of this inspection will guide the next steps in addressing any identified issues.

2. Air Quality Testing:

Air quality assessments were conducted in the shared spaces to check for any microbial growth since the last remediation. Samples were collected from various locations, including the Children's area, common areas on the 1st, 2nd, and 3rd floors, and the stairwell. An additional control sample was taken from outside the building. These spore trap samples were then sent to the laboratory for detailed analysis. The lab's role was to identify the types of spores and estimate their quantity per cubic meter of air in the respective rooms or areas. Upon receiving the lab results, concerns arose regarding the following area:

Stairwell:

- Paecilomyces spores were detected in this area at levels nearly twice as high as those found in the outside control sample.

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Norman (405) 573-3048 // Tulsa (918) 282-7612

Mold Investigation and Testing Conclusion:

The air quality testing results indicate the presence of Paecilomyces airborne spores, possibly due to water intrusion. Although the levels of these spores, when compared to the exterior baseline sample, do not indicate any immediate concern, it is recommended to take appropriate remediation measures to address the identified air quality issues in the area. These measures may include containment to isolate the affected area and prevent cross-contamination, professional cleaning, mold remediation, and possibly structural repairs to prevent further water intrusion. It is also advisable to retest the air quality after these measures have been implemented to ensure the issue has been adequately addressed.

Recommendations:

Engage a professional mold remediation company to promptly address the identified areas of mold growth. It is highly likely that the remediation company will discover additional mold, which may necessitate further testing and adjustments to the remediation protocols. The remediation contractor should document all stages of the remediation process, the equipment on site, any microbial growth found, all contents or finishes with preexisting damages, and any structural or framing elements with significant water damage, insect damage, or other issues. All sources of possible water intrusion, water trails, or water staining should be documented. Temperature and humidity should be monitored daily in all containment and common areas. If humidity reaches 60%, dehumidifiers should be utilized in the affected areas. Remediation technicians should wear appropriate PPE, including but not limited to, full Tyvek suits with hoods, rubber boots, gloves, full-face or powered respirators with appropriate filters, and leather gloves during the demolition process.

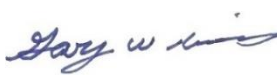
Once the remediation process is complete, we highly recommend conducting water testing and resolving any points of water intrusion before rebuilding.

Please note that this report is based on the observations and testing conducted on the date of inspection. Conditions affecting microbial growth may change over time, so periodic assessments are advisable. For any further questions or assistance, do not hesitate to contact us.

Respectfully,



Produced by:
Antonio Jaimes
Cavins Group
ECAN Mold Assessor
ECAN Mold Tech
ECAN Mold Protocol Writer
IICRC – AMRT & WRT
#7201967



Reviewed by:
Gary Cavins
Cavins Group
ECAN Air Quality Tech
ECAN Mold Assessor
ECAN Mold Protocol Writer
IICRC – AMRT, WRT & CPT
PHASE 1 - ESA
#7201967



Reviewed by:
Jessica Parker
Cavins Group
ECAN Air Quality Tech
ECAN Mold Assessor
IICRC - AMRT & WRT
PHASE 1 - ESA
#7201967

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