



Mold Inspection Report

Tuesday, July 2, 2024

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

Inspector: Antonio Jaimes

Introduction:

On Monday, June 1, 2024, a comprehensive mold investigation and testing were carried out at the Central Norman Public Library, situated at 103 West Acres Street, Norman, OK 73069. The process involved a visual examination of the property's common areas, air quality assessments in selected common areas, and evaluations of areas with potential or evident microbial growth. Our testing protocol employed spore trap samples for air quality tests, and a control sample (spore trap) was collected from the outdoor environment. All six samples were dispatched to the laboratory on the same day. This report provides a summary of our inspection observations, test outcomes, and general advice.

1. Visual Inspection:

An examination of the property's areas of concern was carried out visually. The inspection crew employed tools such as flashlights and UV lights and used 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, contributing to a more accurate and detailed report of the findings. The results of this inspection will guide the next steps in addressing any issues identified.

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:

1st floor common area:

- Paecilomyces spores, which were not present in the outside control sample, were detected in this area.

Cavins Group
Water // Fire // Mold // Crime Scene
1839 Atchison Dr., Norman, OK 73069
Norman (405) 573-3048 // Tulsa (918) 282-7612

3rd floor common area:

- Epicoccum spores with hyphal fragments, which were not present in the outside control sample, were detected in this area.

Stairwell:

- Alternaria spores, almost twice as high as the count from the outside sample, as well as Epicoccum and Pithomyces/Myxomycetes spores, which were not present in the outside control sample, were detected in this area.

Mold Investigation and Testing Conclusion:

The air quality testing results indicate the presence of Alternaria, Epicoccum, and Paecilomyces airborne spores, along with hyphal fragments, in the stairwell and common areas on the 1st and 3rd floors. This suggests potential microbial growth, possibly due to water intrusion. The presence of these spores, when compared to the exterior baseline sample, does not indicate any alarming levels that need to be addressed. However, it is recommended to take appropriate remediation measures to address the identified air quality issues in the aforementioned areas. These measures may include 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 address the identified areas of mold growth and remediate it promptly. There is a high likelihood that the company doing the remediation will find additional mold which could necessitate further testing and modification of 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/framing elements with significant water damage, insect damage, or other found issues. All sources of possible water intrusion, water trails, or water staining should be documented. Temperature and humidity should be monitored in all containment and common areas daily. Should humidity reach 60%, dehumidifiers should be utilized in the affected areas. The 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 demo process.

Once the remediation process is complete, we highly recommend water testing and resolving any points of water intrusion prior to build back.

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.

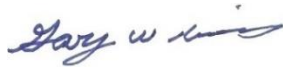
Respectfully,

Cavins Group
Water // Fire // Mold // Crime Scene
1839 Atchison Dr., Norman, OK 73069
Norman (405) 573-3048 // Tulsa (918) 282-7612



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 Von Tungeln
Cavins Group
ECAN Air Quality Tech
ECAN Mold Assessor
IICRC - AMRT & WRT
PHASE 1 - ESA
#7201967

Cavins Group
Water // Fire // Mold // Crime Scene
1839 Atchison Dr., Norman, OK 73069
Norman (405) 573-3048 // Tulsa (918) 282-7612