



## **Mold Inspection Report**

Tuesday, August 6, 2024

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

**Inspector:** Antonio Jaimes

### **Introduction:**

On Thursday, August 1, 2024, a thorough mold inspection and testing were conducted at the Central Norman Public Library, located at 103 West Acres Street, Norman, OK 73069. The procedure 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, and a control sample (spore trap) was taken 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 used tools like flashlights and UV lights and relied on their sense of smell to detect any unusual odors. They also measured humidity and temperature in various parts of the building. This comprehensive approach ensured a thorough assessment of the property's condition, leading to 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 performed in the common areas to detect any microbial growth since the last remediation. Samples were taken 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 collected from outside the building. These spore trap samples were then sent to the laboratory for detailed analysis. The lab's task 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:

#### Stairway:

Airborne spore counts have increased significantly since the last air quality test conducted on July 1st, with *Alternaria* spores being nearly three times higher than those found outside the facility and the presence of Hyphal fragments.

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**Mold Investigation and Testing Conclusion:**

The air quality testing results indicate the presence of Alternaria airborne spores, along with hyphal fragments, in the stairwell. This suggests potential microbial growth, possibly due to water intrusion. The presence of these spores, when compared to the exterior baseline sample, indicates increasing levels that need to be addressed. We recommend taking appropriate remediation measures to address the identified air quality issues in the aforementioned areas. These measures may include professional cleaning, mold remediation, possibly structural repairs, and covering all areas with missing drywall or other construction materials with 6 mil plastic to prevent further water intrusion and cross-contamination. 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,

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