

EXAMPLE OF ACTUAL AIR QUALITY MOLD TEST

Customer
Customer Address
Schenectady, New York 12309

**Re: Mold Air Sampling
 Front Guest Room and Dining Room**

Dear Mr. Customer:

At the request of the owner, we performed a site visit to obtain an air samples for mold on the basement and first floor levels. The following summarizes the findings of the site visit.

Finding Summary: The air sampling results indicate that mold/fungal spores were lower as comparable to outside. The levels in the samples are considered extremely low and no mold types of significant concern exists in the sample results.

AIR SAMPLING PROCEDURES

A round of air sampling was conducted in the targeted areas of the building. The sampling was conducted at one location in the dining room and one location on the second floor, and one location outside of the building. The inside locations were selected to be representative of the entire targeted area. The outside sample location was chosen randomly. The sample collected outside of the building was used to establish the background mold levels in ambient air for comparison.

All air samples were collected using a high volume air sampling pump. The sampling pump were calibrated at 15 lpm and sampling duration was set at 10-minutes; these settings are considered appropriate for sampling relatively clean to moderately contaminated environments. All samples were collected on Air-O-Cell bioaerosol sampling cassettes with unique ID numbers. Sampling cassettes were sealed individually, logged and prepared for transport immediately after collection.

All air samples were sent to

Atlas Environmental Inc, a NYS accredited lab, for mold/fungi analysis. All air samples were tested following direct microscopic examination for fungal spores.

DISCUSSIONS

Air Sampling Results

The air sampling results are provided in the attached laboratory report. It should be noted that changes in environmental conditions, which occur throughout any day, may have influence on the mold sampling results.

Overall, at the time of the sampling the fungal spore levels in the complaint area were lower than the count levels in the outdoor air.

INTERPRETATION OF RESULTS

The following can be used to interpret mold spore trap air samples. Please note that the levels inside and outside vary from minute to minute and the sampling provides us with a snapshot in time.

Reference:

AIR-O-CELL Method Interpretation Guide. Authored by Daniel Baxter of EAA, the creator of the spore trap, AIR-O-CELL, manufactured by Zefon International. In the guide, the following mold concentrations are recommended for interpretation:

“Clean Building” less than 2,000 count/m³ total for all spore types and less than 700 of *Penicillium/Aspergillus*.

Possible indoor amplification: 1,000-5,000 sp/m³ ◦Indoor Amplification likely present: 5,000-10,000 sp/m³ ◦Chronic indoor amplification: 10,000-500,000 sp/m³ ◦Inadequate flood cleanup or active indoor demolition of contaminated surfaces: 50,000-10,000,000 count/m³ with predominant types beyond the common *penicillium*, *aspergillus* and *cladosporium* including *Stachybotrys*, *Chaetomium*, *Basidiomycetes*, *Trichoderma* [sic], *Ulocladium*, etc.

CONCLUSIONS

Using the above guide, the residence would be **considered to meet the clean building criteria**

RECOMMENDATIONS

The current building conditions at the time of the survey indicate that the residence had no significant mold levels of concern.

LIMITATIONS OF SURVEY

The scope of this inspection is limited to the accessible subject areas of the basement and first floor levels only. No other areas of the building are included and were not inspected.

This report has been prepared to assist the Owner in addressing the impact of water intrusion or moisture events that have historically occurred at the property. This work does not guarantee or warrant against any health related issues that may be experienced by any individuals related to

mold. Mold exists everywhere in the environment and individual responses to mold are unpredictable and not regulated with safe level vs unsafe level standards by any regulation. These services were provided consistent with the level and skill ordinarily exercised by members of the profession currently practicing under similar conditions. This statement is in lieu of other statements either expressed or implied. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document, the findings, conclusions, or recommendations is at the risk of said user. This reports purpose is not a justification of insurance coverage or any other financial implications of the repairs but rather outlines the steps recommended for the proper cleanup. Financial matters related to this are the decision of others. AirWater Environmental LLC liability for this work is limited to the fee charged for our services.

Although a reasonable attempt has been made to locate water damaged areas in the property, the work is inherently limited in the sense that only full demolition procedures will reveal all building materials of a structure and, therefore, all areas of potential damage. Other unidentified water damage impact may be located within walls, ceiling cavities, below flooring or grade, and other non-accessible areas. Caution should be used during any construction activities. The identification, consulting, or handling of asbestos or other hazardous materials is not within the scope of this report.

Additionally, the passage of time may result in a change in the environmental characteristics at this site. This project does not warrant against future operations or conditions that could affect the outcome. The results, findings, conclusions, and recommendations expressed in this report are based only on conditions that were observed during the inspection of the site on the date of the inspection. The contractor is solely responsible for the health and safety of workers.

CONCLUSION

We are pleased to provide this report. If you have any questions or need any additional information, please contact us at (518) 376-7345.

Sincerely,

A handwritten signature in black ink that reads "John Snyder". The script is cursive and fluid, with the first letters of "John" and "Snyder" being capitalized and prominent.

John Snyder
NYS Licensed Mold Assessor License No. 00815

Enclosure