Fungal Report Summary

Friday July 26, 2020

Client: Tess Examplous
Client Site: 123 ABC Widgets Street

On Tuesday July 23rd, 2020, mold test samples were taken and sent to the lab the following day.

A total of 8 Air Cell Tests (1 Control, 1 Main level & 6 Basement) and 6 Tape Lifts were taken.

Findings: Method - Air Quality – Vacuum Based

Hallway in front of the Kids Room & Bathroom:

At the time of air quality sampling the results found similar level of mold spores in comparison to the outside control sample. Keep in mind the spore count is low, but are similar to the control sample. Specifically Aspergillus/Penicillium which is common fungi in most environments. This type of fungi can cause Hay Fever, Asthma & Hypersensitivity. **There are potential health issues and mold remediation is necessary and recommended.** If not treated, spore counts can expand over time.

Basement: Furnace Room next to the Movie Entertainment Room

At the time of air quality sampling the results found much **greater levels** of mold spores in comparison to the outside control sample. The levels are more than double the Movie Entertainment Room. Specifically Aspergillus/Penicillium which is common fungi in most environments. This type of fungi can cause Hay Fever, Asthma & Hypersensitivity. **There are potential health issues and mold remediation is necessary and highly recommended.** If not treated, spore counts can expand over time.

Basement: Sump Pump Room:

At the time of air quality sampling the results found minimal signs of mold spores in comparison to the outside control sample.

Therefore, the Sump Pump Room is considered a functional environment.

Basement: Electrical Panel Room:

At the time of air quality sampling the results found minimal signs of mold spores in comparison to the outside control sample.

Therefore, the Electrical Panel Rom is considered a functional environment.

Fungal Report Summary

Findings: Method – Tape Lift

Area Level:

Basement Furnace Room – concrete wall:	Unusual Levels of Cladosporium
Basement Furnace Room – concrete wall with effervescence:	Unusual Levels of Cladosporium,Penicillium /Aspergillus
Basement Sump Pump Room – wood support for shelves:	Unusual Levels of Cladosporium
Basement Laundry Room – plastic flooring:	Mold does not exist
Basement Water Meter Area	Unusual Levels of Penicillium /Aspergillus
Basement Electrical Panel Room - Baseboard	Unusual Levels of **Stachybotrys**

Cladosporium is associated with water damage and is very common. They can cause Asthma, Hay Fever and Hypersensitivity. **There are potential health issues and treating the mold is recommended.**

Penicillium /Aspergillus is very common and can cause Asthma, Hay Fever and Hypersensitivity. **There are potential health issues and treating the mold is recommended.**

Stachybotrys is considered **toxic mold**. Key contributor to sick building syndrome. This occurs with areas that have periodic water leaks. They can cause Asthma, Hay Fever and Hypersensitivity. **There are potential health issues and treating the mold is highly recommended.**

Conclusion:

Air Quality Testing did not identify significant concerns within the house with the exception of the upper level area where levels were similar to the outside control sample. **Spore counts were low, but considering the family history of events, it is recommended having the area remediated.**

Tape Lift Sampling has identified all areas with the exception of the Laundry Room where treating the mold is important. There are potential health issues. If expanded, they can move to the air. **As a result treating the mold is recommended.**

Assuming mold remediation is to follow, Post Air Quality Tests are deemed necessary to validate a mold remediation work project.

Robert Kin

CERTIFED MOLD INSPECTOR

Superior Home Inspectors