



POWERBEES

November 13, 2017

Ms. Leena Marceau
58 Fay Street Unit #4
Lowell, MA 01852
(781) 827-9222

*BOH
3-21-18
turned in
by tenant*

Re: Mold inspection at 58 Fay Street Unit #4 in Lowell, MA

PowerBees Incorporated of Wayland, MA is pleased to present this report for the microbial investigation conducted at the property located at 58 Fay Street Unit #4, Lowell MA 01852 on November 6, 2017.

Background:

PowerBees Incorporated was contacted to conduct a microbial analysis of the above mentioned property. Ms. Marceau and her mother have lived in and rented this townhouse apartment for approximately five years. The townhouse was constructed in 1986. Ms. Marceau reports that water has leaked through the foundation exterior door to the basement during rains for several years. Ms. Marceau also reports that water leaked through the roof into the attic approximately five years ago. The ceilings in the bedroom were reportedly affected at the time. Ms. Marceau believes that the roof leaks may be ongoing. Ms. Marceau reports that the gutters fell off of the exterior approximately two and one-half years ago. Ms. Marceau also reports that there are cracks in the plaster in the first level bathroom. There is reportedly an odor in that bathroom as well. Ms. Marceau reports the kitchen vinyl floor tiles are bubbled or warped. An exterior spigot reportedly leaked into the soil next to the foundation for an extend period of time. Ms. Marceau reports that she used several store-bought mold tests which indicated the presence of mold in the home. Ms. Marceau reports that she suffers from migraines and mold allergies. Ms. Marceau's mother reportedly suffers from respiratory allergies and pneumonia. Concern was expressed about the possibility of microbial growth from the prior water intrusion events, its affect on the air quality within the home and the potential impact on her and her mother's health.

For fungi to grow, there must be adequate and constant moisture present, a food source (organic material), and the proper temperature. In homes and structures, nearly all building materials and furnishings can serve as a food source. The temperature, which is comfortable for occupants, is also conducive to fungal growth, typically between 65 and 85 degrees. Growing fungi can release spores into the air resulting in health problems.

PowerBees Incorporated

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Emergency Services

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Indoor Air Quality