

442C



442D



Figure 3. Air filters taken from Dr. Salazar's lab in rooms 442C and 442D. Pictures were taken on September 6, 2021 before the cleaning of the air ventilation system started in September 7, 2021. Pictures of the filters in rooms 442D and 442C show the blackened filter paper and black particles of diverse sizes.



Figure 4. Example of black particles found on surfaces in the Sandels Building. Pictures were taken on September 7, 2021 the day when the cleaning of the air ventilation system started. Pictures show the black particles found on top of benches and equipment in Dr. Kim's lab in Room 440.

A



**Filter covering the vent
in the ceiling of lab**

B



Figure 5. Air filters taken from in Dr. Kim's lab in Room 440. Black particles and blackened paper found on filter covering air vents in Dr. Kim's lab. A) Pictures taken before the filter was removed. B) Pictures comparing the appearance of the filter taken from the lab (bottom) and a new filter (top). The pictures were taken September 7, 2021.

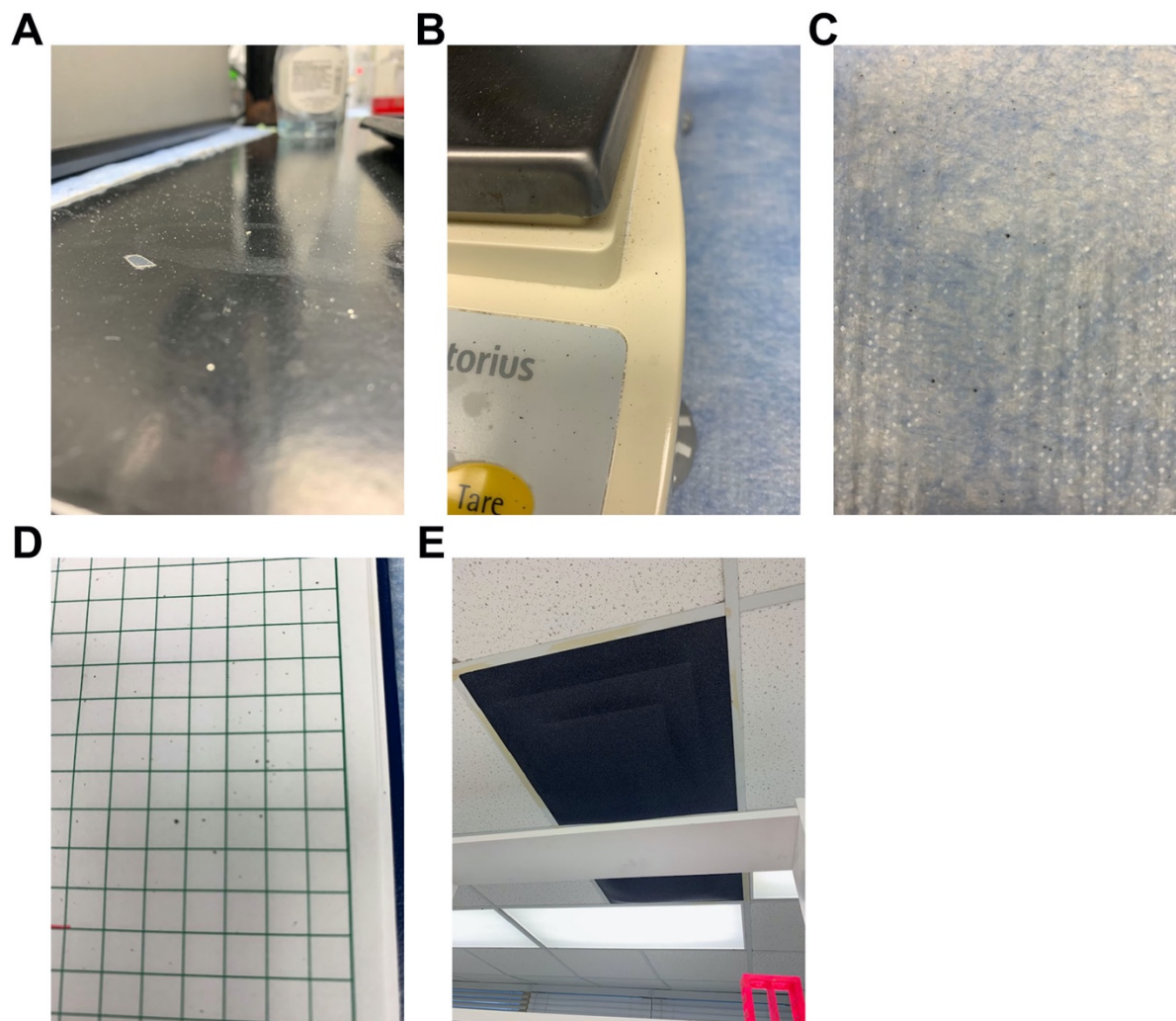


Figure 6. Dr. Salazar's lab in Room 422D after 4 months of air ventilation cleaning. Pictures taken January 16, 2022, 4 months after the cleaning began show debris and fine black particles in benches (A), equipment (B), bench pads (C) and in a lab notebook (D) that was left opened overnight. The lab was meticulously cleaned and new bench pads placed a week before the pictures were taken. Particles accumulated even when air vents were covered (E).

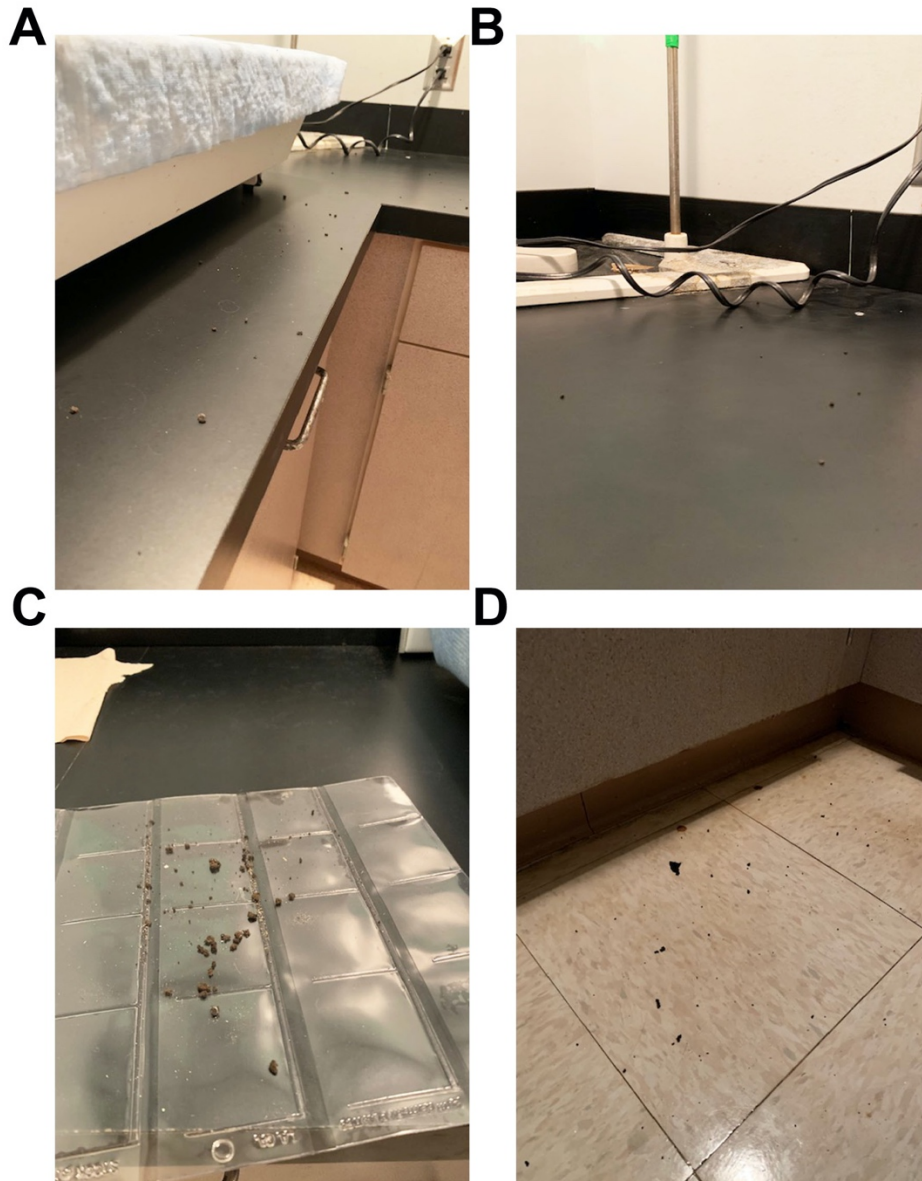


Figure 7. Dark room 422A after 4 months of cleaning. Pictures taken January 4, 2022, four months after the cleaning began show big chunks of black debris and fine black particles in benches (A and B). Particles from the benches were collected and are shown in C. Big black chunks also can be seen on the floor.



Figure 8. Dr. Kim's office in room 100B at Sandels building. Pictures taken January 11, 2022 show black particles of different sizes on top of Dr. Kim's desk.

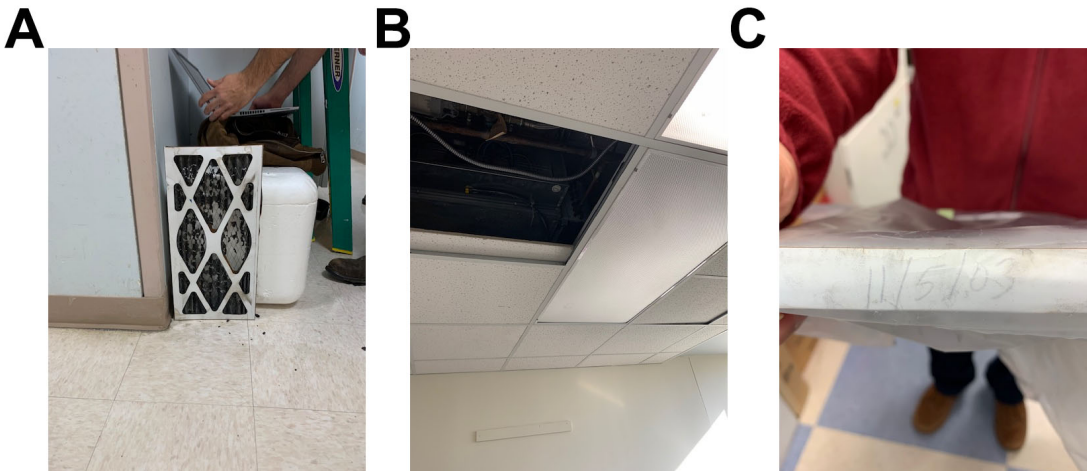


Figure 9. Old filter found in Dr. Salazar's lab room 442C. Pictures were taken January 18, 2022 and show a filter covered in black material (A) that was removed from the ceiling in room 442C (B). The filter hasn't been changed since November 5, 2003 (C).

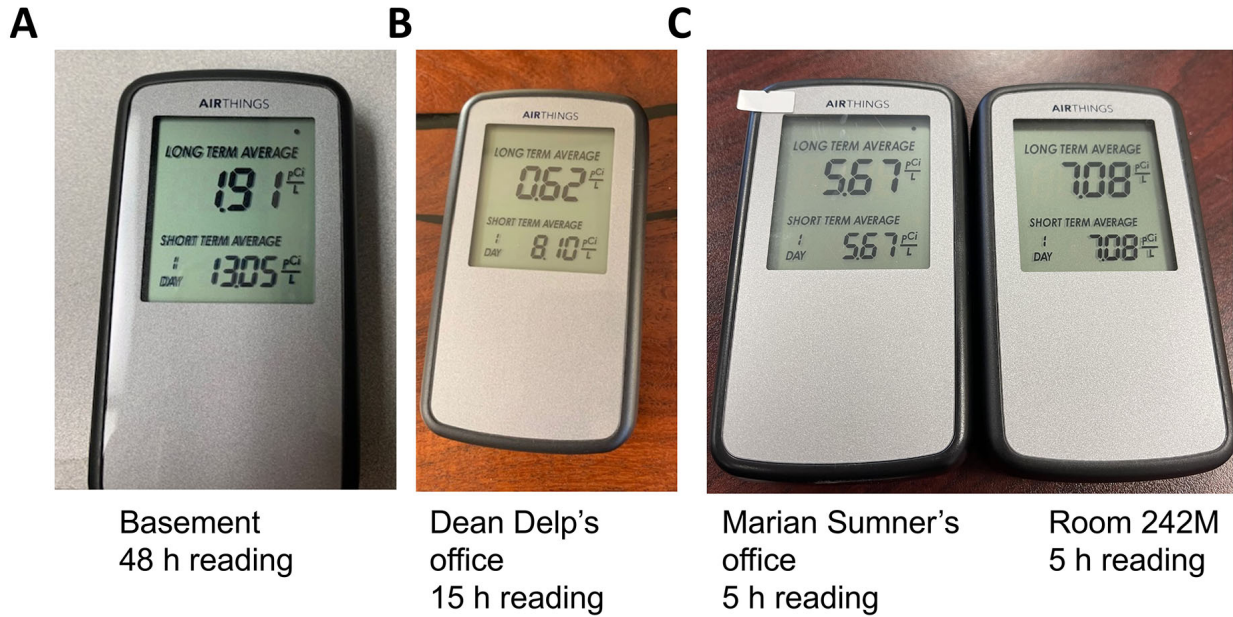


Figure 10. Elevated radon levels in ground floors in Sandels building. Pictures of radon meters placed in A) the basement (room B0007A), B) the Dean's office (room 242L), and C) Marian Sumner's office (room 242I) and room 242M. The number in the top reflects the long-term average. Current readings are reflected in the short-term average in the lower part of the screen. In C meters were reset to zero before measurements.



Figure 11. Room 442E Sandels building. Pictures show the condition of the wall where the chemical hood in room 442E was placed. Marks of a yellow liquid are a testimony of what was present inside of the hood.



Figure 12. Chemical hood in Room 442G. Example of debris found in the chemical hood located in Room 442G, previously occupied by Dr. Sathe and currently assigned to Dr. Cui. Debris is constantly found inside the hood.