

### PROJECT REFERRAL:

A property management company contacted us to inspect a new home that had an appliance water line discharge in the kitchen, causing damage to the hardwood flooring. Arrangements were made to inspect the property first thing in the morning on the next business day in order to evaluate the loss and provide a scope of work.

### GOLDMORR PROJECT INSPECTION:

Upon arrival, I learned that the original home builder had sent one of their employees to the job site in order to start tearing out the wet or non-salvageable building materials, including the flooring and sheetrock. I was somewhat confused why I was called for an inspection if the home builder was going to start mitigating the loss.



I immediately noted the elderly woman of the home walking through the living room with the collar of her shirt pulled up over her nose, using it as a mask. She was expressing her discomfort being in the home during the work as her allergies were bothering her.

Visible mold growth was already noted on the drywall that was removed and laying on the floor of the kitchen. There was no equipment being used on site, such as dehumidifiers or exhaust fans, but the worker did at least have some plastic loosely hanging around the perimeter of the kitchen. The adjoining bedroom was also affected and had drywall with visible mold growth that had been removed.

### WHY IS INVISIBLE INSPECTION IMPORTANT AS WELL?

I proceeded to perform a particle reading using the EXTECH VPC300. The particle counts immediately escalated and the device started beeping shortly after starting the test. The results with a cumulative reading of over 470,000 .3 micron results, and more alarming was the 5.0 micron sized particles, indicative of mold, exceeding 3,100 particles.



**Instant particle count** results, during the initial inspection, were influential in identifying how poor the air quality was inside the home during mitigation while homeowners were present.

Not to alarm the homeowner, I pulled aside the worker and property manager and explained the importance of properly ventilating and exhausting the air to the outside during remediation, but also educated the employee and property manager about our non-mechanical air scrubbing system that is designed to eliminate airborne particles and other biological contaminants, highly recommending a full-house treatment. Within a few hours, the home builder called back requesting our services.

### GOLDMORR STEPS PERFORMED:

We returned the next day and micro-cleaned the affected kitchen and bedroom area with our GM6000 mold stain remover followed by our non-mechanical air scrubbing treatment using our GM2000 fogging agent in the **entire home**.

### GOLDMORR RESULTS:

Outstanding post clearance particle results were obtained while reducing the indoor air quality from a level 10 (fail) to level 8 (pass) with particle counts within an acceptable range. More impressive was the overall percentage rate of reduction in the kitchen, up to 3789% in the kitchen and 2152% reduction in the Living Room, areas that previously in the “ALERT” stage. The post clearance results using the IAQ Analytics website was also influential in proving how effective of a solution the Goldmorr system is and what it is capable of achieving.

BEFORE - particle counts per cubic meter and analysis				
Location	≥0.5 µm	≥5.0 µm	Time	IAQ Level
Living room	26549823	931095	1m, 0s	10
Kitchen	28598586	989399	1m, 0s	10
Master Bedroom	7798233	232508	1m, 0s	9
Kid's Bedroom	1078445	16607	1m, 0s	8
Outdoors	2106713	15547	1m, 0s	8

AFTER - particle counts per cubic meter and analysis						
Location	≥0.5 µm	Reduction	≥5.0 µm	Reduction	Time	IAQ Level
Living room	1135335	2239%	41342	2152%	1m, 0s	8.5
Kitchen	1204593	2274%	25441	3789%	1m, 0s	8
Master Bedroom	1045229	646%	23321	897%	1m, 0s	8
Kid's Bedroom	1938869	-44%	11307	47%	1m, 0s	8
Outdoors	1127208	87%	6007	159%	1m, 0s	7.5