



GREEN EARTH
— Technologies LLC —



Treatment Report Hurricane Michael Florida Medical Clinic

Florida 2019

Medical Clinic Mold Assessment:

Below is a brief description of the moisture damage and mold assessment completed at the Medical Clinic Facility located at 4284 Kelson Rd., Marianna, FL. 32446.

Upon inspection moisture and mold were visually present on the ceilings, structure and multiple walls throughout the facility and it was also noted that the moisture content was greater than 19% throughout the facility. Based on EPA data and scientific research a moisture content of greater than 19% or relative humidity greater than 60% can allow mold growth if NOT Dried within 24-48 hours. When mold is determined to be present in the facility it can have a NEGATIVE impact on human health to those individuals residing inside the facility.

The following was RECOMMENDED based on visual inspection of mold being present throughout the medical facility:

- **Pre-Treatment:**
- Prior to treatment it is recommended that the facility coordinator repair any underlying water/moisture sources – Example: Repair Roof (portal of entry) and/or any other structural problems creating the moisture intrusion.

- **Treatment:**

- General Cleaning of the medical facility prior to treatment
- Hepa Vacuuming, Anti-fungal/microbial sanitizing of the medical facility
- Drying of affected area to obtain <19% moisture content
- Reducing the relative humidity of the facility to <60%
- Structural Pasteurization of the affected area utilizing up to 20 inches of static pressure-positive air flow reaching microbial thermal death points
- Continual Moisture Monitoring during treatment
- Thermal Monitoring imagery during treatment
- Air Scrubbing and Hepa Filtration of the medical clinic
- Surface and Air Purification Treatment of the medical clinic
- Independent Post-Treatment testing and analysis with successful mold clearance for the medical clinic

- **Post Treatment Recommendations**

- Post Treatment protection and maintenance recommendations
- Provide the facility with NASA Space Certified PCO Air and Surface purifier units for continued protection

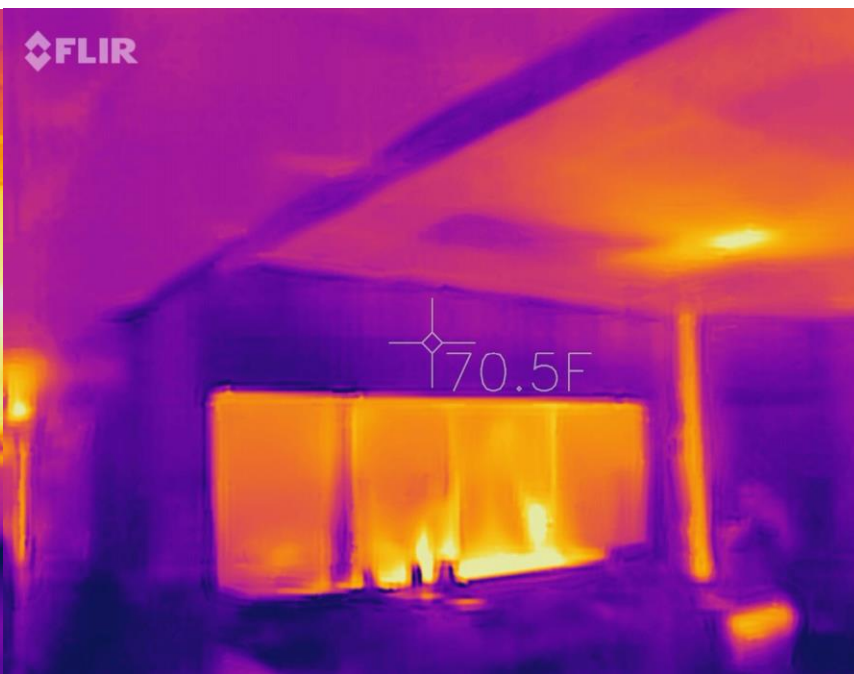
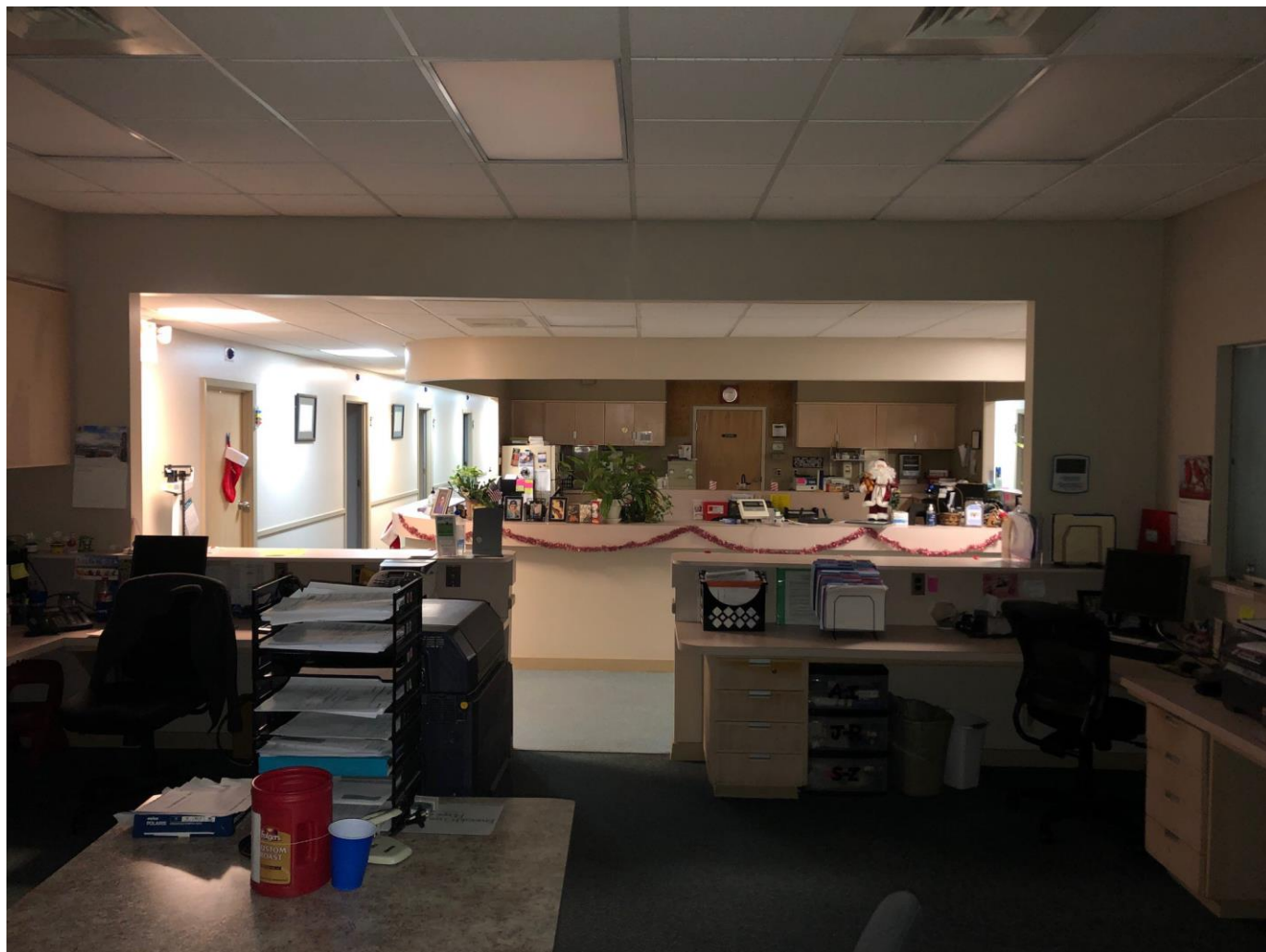
Heat Treatment Preparation



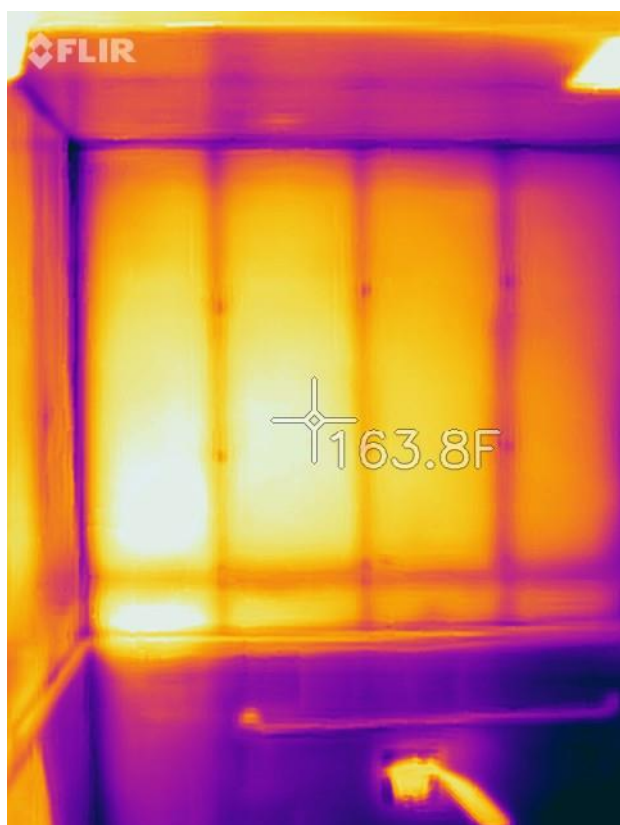
Medical Books and Dr. Office Area



Nurse and Medical Records Area



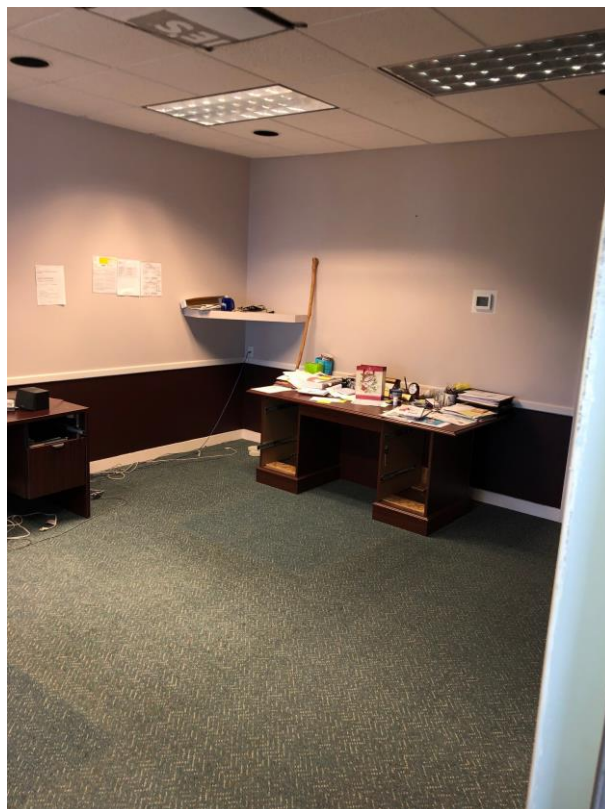
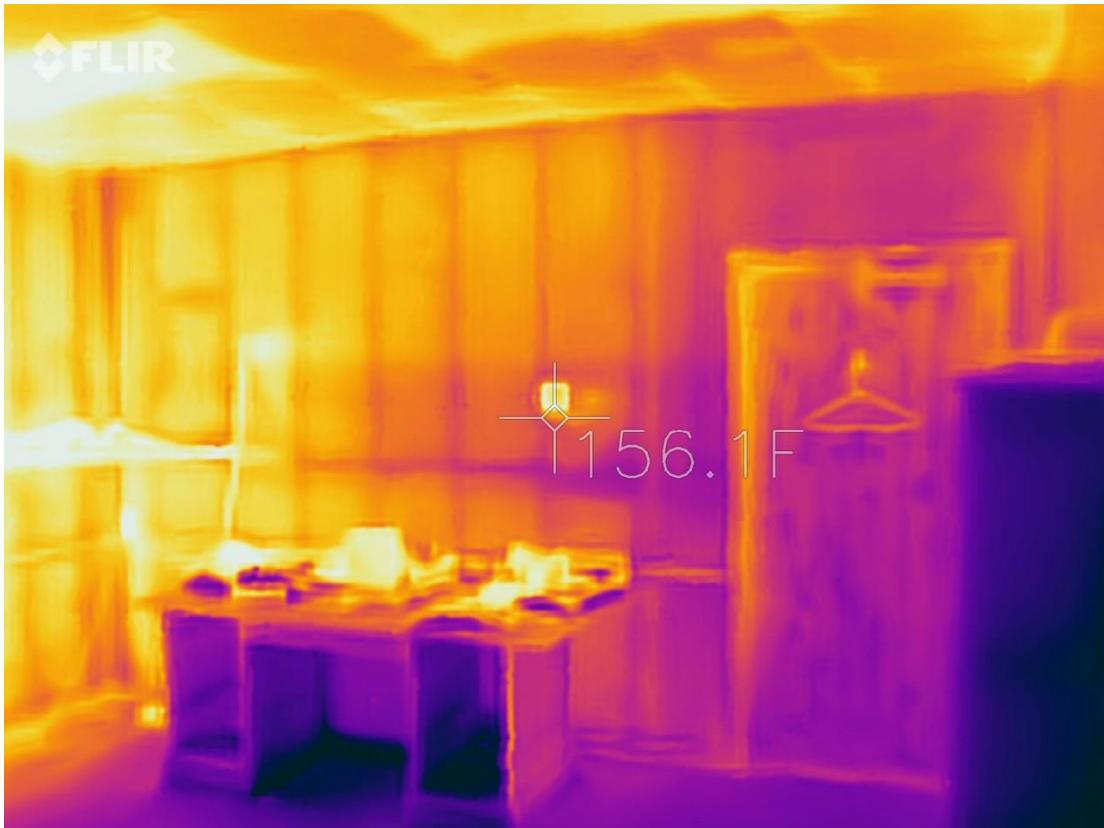
Medical Exam Room Area



Lobby Area



Office Area



HVAC AREA



TREATMENT DATA MOISTURE AND TEMPERATURE





PRE TREATMENT SUMMARY

HMC ID Number	18045062 - 1			18045062 - 2			18045062 - 3			18045062 - 4		
Sample ID#	2192383			2730056			2730075			2730063		
Sample Name	1D Outside			2D Front Lobby			3D Dr. Office Deer Head			4D Back Office		
Sample Volume	75 liters			75 liters			75 liters			75 liters		
Reporting Limit	13 spores/M3			13 spores/M3			13 spores/M3			13 spores/M3		
Background	2			2			2			2		
Fragments	27/M3			40/M3			ND			40/M3		
Organism	Raw Count	Count / M3	% of Total	Raw Count	Count / M3	% of Total	Raw Count	Count / M3	% of Total	Raw Count	Count / M3	% of Total
Alternaria	3	40	< 1%									
Ascospores	20	267	5.0%	2	27	15.6%						
Aspergillus Penicillium	350	4667	87.9%	4	53	30.6%	4	53	36.3%			
Basidiospores	9	120	2.3%									
Bipolaris Drechslera												
Chaetomium												
Cladosporium	13	173	3.3%							5	67	50.0%
Curvularia	1	13	< 1%	2	27	15.6%	1	13	8.9%	2	27	20.1%
Epicoccum				1	13	7.5%						
Fusarium												
Memnoniella												
Myxomycetes	2	27	< 1%	4	53	30.6%	6	80	54.8%	3	40	29.9%
Pithomyces												
Stachybotrys												
Stemphylium												
Torula												
Ulocladium												
Unspecified Spore												
Total	398	5307		13	173		11	146		10	134	
Water Damage Indicator		Common Allergen		Slightly Higher than Outside Air			Significantly Higher than Outside Air			Ratio Abnormality		

Water Damage Indicator

Common Allergen

Slightly Higher than Outside Air

Significantly Higher than Outside Air

Ratio Abnormality

POST TREATMENT SUMMARY

HMC ID Number	18048728 - 1			18048728 - 2			18048728 - 3			18048728 - 4		
Sample ID#	2724115			2724107			2724104			2723907		
Sample Name	1A Lobby			2A Dr Office- Rear			3A Outdoors			4A Reception Area		
Sample Volume	0 liters			75 liters			75 liters			75 liters		
Reporting Limit	0 spores/M3			13 spores/M3			13 spores/M3			13 spores/M3		
Background	2			2			2			2		
Fragments	ND			ND			ND			40/M3		
Organism	Raw Count	Count / M3	% of Total	Raw Count	Count / M3	% of Total	Raw Count	Count / M3	% of Total	Raw Count	Count / M3	% of Total
Alternaria	2	0	< 1%	1	13	33.3%	5	65	50.0%	3	40	50.0%
Ascospores				2	27	33.3%						
Aspergillus Penicillium	7	0	< 1%	1	13	33.3%	13	169	50.0%			
Basidiospores												
Bipolaris Drechslera												
Chaetomium												
Cladosporium												
Curvularia	4	0	< 1%							3	40	50.0%
Epicoccum												
Fusarium												
Memnoniella												
Myxomycetes	1	0	< 1%									
Pithomyces												
Stachybotrys												
Stemphylium												
Torula												
Ulocladium												
Unspecified Spore												
Total	14	ND		4	53		18	234		6	80	
Water Damage Indicator		Common Allergen		Slightly Higher than Outside Air		Significantly Higher than Outside Air		Ratio Abnormality				

Water Damage Indicator

Common Allergen

Slightly Higher than Outside Air

Significantly Higher than Outside Air

Ratio Abnormality