



AccuScience™
Analysis Report

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AIHA EMPAT Lab ID: 178794

Analysis: AccuScience Premium Direct Exam (FD-02HP)
Client: RK Environmental
Phillipsburg, NJ
Contact: McGuinness, Michael
Project ID: Hatchery Hill School

QLab Job No.: ME180808-12
Date Sampled: 8/8/2018
Date Received: 8/8/2018
Date Reported: 8/8/2018

Reviewed by: WT

Approved by: Wei-Chih Tang, Ph.D., Lab Director

Lab Sample No.	ME180808-12(1)			
Sample ID	01T			
Sample Location	C100			
Sample Type (Device)	Surface (Gel-Tape)			
Date Analyzed	8/8/2018			
Identification	(1) Peak Density (within 1 mm dia.)*			
	Spores	Hyphae/Structure		
Major Hydrophilic Fungi:***				
Stachybotrys				
Chaetomium				
Ulocladium				
Acremonium				
Trichoderma				
Aureobasidium				
Yeasts (cells)				
Other Fungi:				
Aspergillus/Penicillium-like				
Aspergillus				
Penicillium				
Cladosporium	++++	+++		
Alternaria				
Curvularia				
Epicoccum				
Myxomycetes/smuts/Periconia				
Nigrospora				
Pithomyces				
Unidentifiable w/o culturing				
Summary	(2) Overall Coverage			
Sample Size Examined	150 mm ²			
Mycologix™ Fungal Biomass Level#	3C: Heavy Growth			
Mold/Yeast Growth Observed	Yes			
Sample Mold/Yeast Coverage**	High: > 50%			
Sample Debris Coverage**	Medium: 10 - 50%			
Note				

Mycologix™ Fungal Biomass Level: 1: Normal Background, 2A: Settled Biomass, 2B: Residual Biomass
3A: Slight Growth, 3B: Moderate Growth, 3C: Heavy Growth

***Peak Density:** Peak density of fungal biomass (spores, reproduction structures, hyphae, etc.) observed under the microscope within the viewfield of 200X magnification (approximately 1 mm in diameter).

++++, +++, ++, +: Biomass covering >50%, 10-50%, 3-10%, <3% of the 200X viewfield, respectively

** **Sample Coverage of Fungi/Debris:** Overall coverage of fungal biomass/debris collected on the tape samples Tape/slide samples are taken from bulk/swab samples received and then analyzed under microscope.

High, Medium, Low, Trace: Biomass/debris covering >50%, 10-50%, 3-10%, <3% of the entire sample, respectively

*****Hydrophilic Fungi:** Water-loving fungi, Min. Aw >0.89. Absence of hydrophilic fungi does not exclude the possibility of a water damage history.