



AccuScience™  
Analysis Report

QLab, 256 Bridge St, Metuchen, NJ 08840  
info@qlabusa.com www.QLABusa.com  
AIHA EMPAT Lab ID: 178794

**Analysis:** AccuScience Premium Direct Exam (FD-02HP)  
**Client:** RK Environmental  
Phillipsburg, NJ  
**Contact:** McGuinness, Michael  
**Project ID:** Willow Grove Elem.

**QLab Job No.:** ME18-0615-14  
**Date Sampled:** 6/15/2018  
**Date Received:** 6/15/2018  
**Date Reported:** 6/15/2018

**Reviewed by:** WT

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

Lab Sample No.	ME18-0615-14(1)		ME18-0615-14(2)		ME18-0615-14(3)	
Sample ID	01T		02T		03T	
Sample Location	C102 Floor		C102 Wall		C103	
Sample Type (Device)	Surface (Gel-Tape)		Surface (Gel-Tape)		Surface (Gel-Tape)	
Date Analyzed	6/15/2018		6/15/2018		6/15/2018	
Identification	(1) Peak Density (within 1 mm dia.)*		(1) Peak Density (within 1 mm dia.)*		(1) Peak Density (within 1 mm dia.)*	
	Spores	Hyphae/Structure	Spores	Hyphae/Structure	Spores	Hyphae/Structure
<b>Major Hydrophilic Fungi:***</b>						
Stachybotrys						
Chaetomium						
Ulocladium						
Acremonium						
Trichoderma						
Aureobasidium						
Yeasts (cells)						
<b>Other Fungi:</b>						
Aspergillus/Penicillium-like						
Aspergillus						
Penicillium						
Cladosporium	++++	++++			++	+
Alternaria	++	++				
Curvularia						
Epicoccum						
Myxomycetes/smuts/Periconia						
Nigrospora						
Pithomyces					+	
Unidentifiable w/o culturing		++			+	++
<b>Summary</b>	(2) Overall Coverage		(2) Overall Coverage		(2) Overall Coverage	
Sample Size Examined	150 mm <sup>2</sup>		150 mm <sup>2</sup>		150 mm <sup>2</sup>	
Mycologix™ Fungal Biomass Level#	3C: Heavy Growth		1: Normal Background		1: Normal Background	
Mold/Yeast Growth Observed	Yes		No		No	
Sample Mold/Yeast Coverage**	High: > 50%		None		Trace: < 3%	
Sample Debris Coverage**	Medium: 10 - 50%		Medium: 10 - 50%		High: > 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.



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Lab Sample No.	ME18-0615-14(4)		ME18-0615-14(5)		
Sample ID	04T		05T		
Sample Location	C110		Caf.		
Sample Type (Device)	Surface (Gel-Tape)		Surface (Gel-Tape)		
Date Analyzed	6/15/2018		6/15/2018		
Identification	(1) Peak Density (within 1 mm dia.)*		(1) Peak Density (within 1 mm dia.)*		
	Spores	Hyphae/Structure	Spores	Hyphae/Structure	
<b>Major Hydrophilic Fungi:***</b>					
Stachybotrys					
Chaetomium					
Ulocladium					
Acremonium					
Trichoderma					
Aureobasidium					
Yeasts (cells)					
<b>Other Fungi:</b>					
Aspergillus/Penicillium-like	+				
Aspergillus					
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Cladosporium					
Alternaria					
Curvularia					
Epicoccum					
Myxomycetes/smuts/Periconia					
Nigrospora					
Pithomyces					
Unidentifiable w/o culturing		+			
<b>Summary</b>	<b>(2) Overall Coverage</b>		<b>(2) Overall Coverage</b>		
Sample Size Examined	150 mm²		150 mm²		
Mycologix™ Fungal Biomass Level#	2B: Residual Biomass		1: Normal Background		
Mold/Yeast Growth Observed	Settled or Residual		No		
Sample Mold/Yeast Coverage**	Trace: < 3%		None		
Sample Debris Coverage**	High: > 50%		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).

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