



SPORE TRAP REPORT

PSI, Inc
850 Poplar Street
Pittsburgh, PA 15220

Attn: Mike Kopar

DATE
Reported: 8/22/18
Analyzed: 8/22/18
Received: 8/22/18
Sampled: 8/22/18

Work Order: 1808600
Project Number: 08161784
Project Name: Pine-Richland - Hance
Analyst: TV

AIHA-LAP, LLC. Lab #100373

TX License: LAB0145

TEST METHOD: PSI-WI-620-816

LAB NUMBER:	001A			002A			003A		
Client ID:	Rm 119			Rm 120			Rm 121		
Location:	Room 119			Room 120			Room 121		
Comments:									
Detection Limit(spores/m ³):	13			13			13		
Hyphal Fragments	5	67		2	27		3	40	
Pollen									
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m ³	%	raw ct.	spores/m ³	%	raw ct.	spores/m ³	%
Cladosporium sp.	1	13	0.44	4	53	1.50			
Ascospores	186	2500	82.30	124	1700	46.62	245	3300	95.70
Basidiospores	15	200	6.64	8	110	3.01	6	80	2.34
Smuts/Myxomycetes	1	13	0.44						
Peronospora/Oidium sp.									
Pen./Asp. Group	20	270	8.85	125	1700	46.99	5	67	1.95
Alternaria sp.									
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.				1	13	0.38			
Stachybotrys sp.									
Unknown/Brown*	1	13	0.44	2	27	0.75			
Torula sp.									
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.				1	13	0.38			
Epicoccum sp.									
Polythrincium sp.									
Pestalotia sp.									
Cercospora sp.									
Rusts									
Nigrospora sp.									
Ganoderma sp.	2	27	0.88	1	13	0.38			
Background debris (1-5)**	2			3			2		
Sample Volume (liters)	75			75			75		
TOTAL †	226	3,000	100	266	3,600	100	256	3,400	100

Total % may not equal 100 due to rounding.



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TEST METHOD: PSI-WI-620-816

LAB NUMBER:	004A			005A			006A		
Client ID:	Rm 122			Rm 123			Rm 124		
Location:	Room 122			Room 123			Room 124		
Comments:									
Detection Limit(spores/m ³):	13			13			13		
Hyphal Fragments	1	13		2	27		1	13	
Pollen									
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m ³	%	raw ct.	spores/m ³	%	raw ct.	spores/m ³	%
Cladosporium sp.	1	13	1.69	5	67	0.80	4	53	3.20
Ascospores	53	710	89.83	416	5500	66.24	34	450	27.20
Basidiospores	2	27	3.39	2	27	0.32			
Smuts/Myxomycetes	1	13	1.69						
Peronospora/Oidium sp.									
Pen./Asp. Group	2	27	3.39	203	2700	32.32	86	1100	68.80
Alternaria sp.									
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.									
Stachybotrys sp.									
Unknown/Brown*				1	13	0.16			
Torula sp.									
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.									
Epicoccum sp.									
Polythrincium sp.									
Pestalotia sp.									
Cercospora sp.									
Rusts									
Nigrospora sp.							1	13	0.80
Ganoderma sp.				1	13	0.16			
Background debris (1-5)**	2			3			2		
Sample Volume (liters)	75			75			75		
TOTAL †	59	790	100	628	8,300	100	125	1,600	100

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AIHA-LAP, LLC. Lab #100373

TX License: LAB0145

TEST METHOD: PSI-WI-620-816

LAB NUMBER:	007A			008A			009A		
Client ID:	Rm 116			Rm 115			Rm 106		
Location:	Room 116			Room 115			Room 106		
Comments:									
Detection Limit(spores/m ³):	13			13			13		
Hyphal Fragments	3	40		1	13		1	13	
Pollen									
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m ³	%	raw ct.	spores/m ³	%	raw ct.	spores/m ³	%
Cladosporium sp.				1	13	7.14	5	67	2.23
Ascospores	11	150	64.71	8	110	57.14	215	2900	95.98
Basidiospores				2	27	14.29	2	27	0.89
Smuts/Myxomycetes							1	13	0.45
Peronospora/Oidium sp.									
Pen./Asp. Group	5	67	29.41	3	40	21.43			
Alternaria sp.									
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.									
Stachybotrys sp.									
Unknown/Brown*									
Torula sp.									
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.									
Epicoccum sp.									
Polythrincium sp.									
Pestalotia sp.									
Cercospora sp.									
Rusts									
Nigrospora sp.									
Ganoderma sp.	1	13	5.88				1	13	0.45
Background debris (1-5)**	2			2			2		
Sample Volume (liters)	75			75			75		
TOTAL †	17	230	100	14	190	100	224	3,000	100

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TX License: LAB0145

TEST METHOD: PSI-WI-620-816

LAB NUMBER:	010A		
Client ID:	Rm 107		
Location:	Room 107		
Comments:			
Detection Limit(spores/m ³):	13		
Hyphal Fragments			
Pollen			
Sample Description:	Air-O-Cell		
	raw ct.	spores/m ³	%
Cladosporium sp.			
Ascospores	54	720	98.18
Basidiospores	1	13	1.82
Smuts/Myxomycetes			
Peronospora/Oidium sp.			
Pen./Asp. Group			
Alternaria sp.			
Drechslera/Bipolaris			
Spegazzinia sp.			
Tetraploa sp.			
Curvularia sp.			
Stachybotrys sp.			
Unknown/Brown*			
Torula sp.			
Ulocladium sp.			
Chaetomium sp.			
Pithomyces sp.			
Epicoccum sp.			
Polythrincium sp.			
Pestalotia sp.			
Cercospora sp.			
Rusts			
Nigrospora sp.			
Ganoderma sp.			
Background debris (1-5)**	3		
Sample Volume (liters)	75		
TOTAL †	55	730	100

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Specific Sample Comments:

General Report Comments:

* Unknown/brown are spores without a distinctive morphology on spore traps and non-viable surface samples.

** Background debris is the amount of particulate matter present on the slide and is graded from 1-5 with 1 being very little, while a debris rating of 5 is unreadable.

The higher the rating the more likelihood spores may be underestimated.

A rating of 4 should be interpreted as minimal counts and may actually be higher than reported.

‡ Total spores/m³ has been rounded to two significant figures to reflect analytical precision.

All samples were analyzed at 400x or 600x magnification unless noted.

The reporting limit is one spore/item adjusted for volume. Entire trace was analyzed unless noted.

Results relate only to items tested. Results are not corrected for blank data.

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Samples will be disposed of within thirty (30) days unless notified in writing by the client.

Results based on volume measurement provided by the client.

Disclaimer: The laboratory is not responsible for interpretation of test results or for methods used during sampling.

All samples were in acceptable condition unless noted.

Respectfully submitted, PSI, Inc.



Jack Maake, Approved Signatory