



## SPORE TRAP REPORT

PSI, Inc.  
850 Poplar Street  
Pittsburgh, PA 15220

Attn: Mike Kopar

### DATE

Reported: 9/5/18  
Analyzed: 9/5/18  
Received: 9/4/18  
Sampled: 9/4/18  
Revised: 9/5/18

Work Order: 1809023

Project Number: 08161784-14

Project Name: Pine-Richland - Hance

Analyst: JM

AIHA-LAP, LLC. Lab #100373

TX License: LAB0145

TEST METHOD: PSI-WI-620-816

LAB NUMBER:	001A			002A			003A		
Client ID:	26608125			26608195			26832312		
Location:	RM 118			RM 134			RM 140		
Comments:									
Detection Limit(spores/m <sup>3</sup> ):	13			13			13		
Hyphal Fragments	3	40		2	27		1	13	
Pollen									
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%
Cladosporium sp.	3	40	6.38	3	40	15.79			
Ascospores	4	53	8.51	10	130	52.63	3	40	1.03
Basidiospores	5	67	10.64	5	67	26.32	1	13	0.34
Smuts/Myxomycetes	18	240	38.30	1	13	5.26	1	13	0.34
Peronospora/Oidium sp.									
Pen./Asp. Group	4	53	8.51				287	3800	98.29
Alternaria sp.									
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.									
Stachybotrys sp.	9	120	19.15						
Unknown/Brown*	2	27	4.26						
Torula sp.									
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.	1	13	2.13						
Epicoccum sp.									
Polythrincium sp.									
Pestalotia sp.									
Cercospora sp.									
Rusts									
Nigrospora sp.									
Ganoderma sp.	1	13	2.13						
Background debris (1-5)**	3			3			3		
Sample Volume (liters)	75			75			75		
<b>TOTAL †</b>	<b>47</b>	<b>630</b>	<b>100</b>	<b>19</b>	<b>250</b>	<b>100</b>	<b>292</b>	<b>3,900</b>	<b>100</b>

Total % may not equal 100 due to rounding.



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LAB NUMBER:	004A			005A			006A		
Client ID:	26608142			26608208			26832310		
Location:	RM 131			RM 127			RM 141		
Comments:									
Detection Limit(spores/m <sup>3</sup> ):	13			13			13		
Hyphal Fragments	1	13		1	13		2	27	
Pollen									
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%
Cladosporium sp.	2	27	9.52	1	13	2.86	3	40	14.29
Ascospores	6	80	28.57	9	120	25.71	4	53	19.05
Basidiospores	5	67	23.81	6	80	17.14	3	40	14.29
Smuts/Myxomycetes	2	27	9.52	2	27	5.71			
Peronospora/Oidium sp.									
Pen./Asp. Group	4	53	19.05	14	190	40.00	10	130	47.62
Alternaria sp.									
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.									
Stachybotrys sp.									
Unknown/Brown*	1	13	4.76	2	27	5.71	1	13	4.76
Torula sp.									
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.									
Epicoccum sp.									
Polythrincium sp.									
Pestalotia sp.									
Cercospora sp.									
Rusts									
Nigrospora sp.									
Ganoderma sp.	1	13	4.76	1	13	2.86			
Background debris (1-5)**	3			3			3		
Sample Volume (liters)	75			75			75		
<b>TOTAL †</b>	<b>21</b>	<b>280</b>	<b>100</b>	<b>35</b>	<b>470</b>	<b>100</b>	<b>21</b>	<b>280</b>	<b>100</b>

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TEST METHOD: PSI-WI-620-816

LAB NUMBER:	007A			008A			009A		
Client ID:	26608117			26608161			26608193		
Location:	RM 126			RM 130			RM 123		
Comments:									
Detection Limit(spores/m <sup>3</sup> ):	13			13			13		
Hyphal Fragments	1	13		1	13		3	40	
Pollen									
Sample Description:	Air-O-Cell			Air-O-Cell			Air-O-Cell		
	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%	raw ct.	spores/m <sup>3</sup>	%
Cladosporium sp.				2	27	16.67	17	230	21.52
Ascospores	13	170	43.33	5	67	41.67	42	560	53.16
Basidiospores	7	93	23.33	2	27	16.67	11	150	13.92
Smuts/Myxomycetes	2	27	6.67				2	27	2.53
Peronospora/Oidium sp.									
Pen./Asp. Group	6	80	20.00						
Alternaria sp.									
Drechslera/Bipolaris									
Spegazzinia sp.									
Tetraploa sp.									
Curvularia sp.									
Stachybotrys sp.									
Unknown/Brown*	1	13	3.33	1	13	8.33	2	27	2.53
Torula sp.									
Ulocladium sp.									
Chaetomium sp.									
Pithomyces sp.							1	13	1.27
Epicoccum sp.									
Polythrincium sp.									
Pestalotia sp.									
Cercospora sp.									
Rusts							1	13	1.27
Nigrospora sp.									
Ganoderma sp.	1	13	3.33	2	27	16.67	3	40	3.80
Background debris (1-5)**	2			3			3		
Sample Volume (liters)	75			75			75		
<b>TOTAL †</b>	<b>30</b>	<b>400</b>	<b>100</b>	<b>12</b>	<b>160</b>	<b>100</b>	<b>79</b>	<b>1,100</b>	<b>100</b>

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AIHA-LAP, LLC. Lab #100373

TX License: LAB0145

**TEST METHOD: PSI-WI-620-816**

<b>LAB NUMBER:</b>	010A		
Client ID:	26608199		
Location:	RM 132		
Comments:			
Detection Limit(spores/m <sup>3</sup> ):	13		
Hyphal Fragments	1	13	
Pollen			
Sample Description:	Air-O-Cell		
	raw ct.	spores/m <sup>3</sup>	%
Cladosporium sp.	2	27	14.29
Ascospores	8	110	57.14
Basidiospores	1	13	7.14
Smuts/Myxomycetes	2	27	14.29
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.	1	13	7.14
Rusts			
Nigrospora sp.			
Ganoderma sp.			
Background debris (1-5)**	3		
Sample Volume (liters)	75		
<b>TOTAL †</b>	<b>14</b>	<b>190</b>	<b>100</b>

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(Revised to Correct Sample Date as per MK) - TJV

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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/m<sup>3</sup> 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.

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

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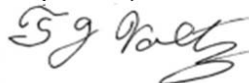
Samples will be disposed of within thirty (30) days unless notified in writing by the client.

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.



Tim Voltz, Approved Signatory